



# Pattern Recognition Methods



## Machine Learning

supervised learning

unsupervised learning

semi-supervised learning

reinforcement learning

## Statistical Methods

Dynamic Bayesian network

Hidden Markov models

Coupled Hidden Markov models

Latent Dirichlet allocation

## Deep Learning

convolutional neural networks

recurrent neural networks

point-based deep learning

generative networks

# Pattern Recognition Techniques

**Y Pai**



## **Pattern Recognition Techniques:**

As recognized, adventure as skillfully as experience not quite lesson, amusement, as well as understanding can be gotten by just checking out a book **Pattern Recognition Techniques** along with it is not directly done, you could put up with even more in this area this life, all but the world.

We present you this proper as competently as easy showing off to get those all. We present Pattern Recognition Techniques and numerous book collections from fictions to scientific research in any way. among them is this Pattern Recognition Techniques that can be your partner.

[https://www.staging.gilderlehrman.org/About/scholarship/fetch.php/news\\_and\\_messages.pdf](https://www.staging.gilderlehrman.org/About/scholarship/fetch.php/news_and_messages.pdf)

## **Table of Contents Pattern Recognition Techniques**

1. Understanding the eBook Pattern Recognition Techniques
  - The Rise of Digital Reading Pattern Recognition Techniques
  - Advantages of eBooks Over Traditional Books
2. Identifying Pattern Recognition Techniques
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Pattern Recognition Techniques
  - User-Friendly Interface
4. Exploring eBook Recommendations from Pattern Recognition Techniques
  - Personalized Recommendations
  - Pattern Recognition Techniques User Reviews and Ratings
  - Pattern Recognition Techniques and Bestseller Lists
5. Accessing Pattern Recognition Techniques Free and Paid eBooks

- Pattern Recognition Techniques Public Domain eBooks
  - Pattern Recognition Techniques eBook Subscription Services
  - Pattern Recognition Techniques Budget-Friendly Options
6. Navigating Pattern Recognition Techniques eBook Formats
    - ePub, PDF, MOBI, and More
    - Pattern Recognition Techniques Compatibility with Devices
    - Pattern Recognition Techniques Enhanced eBook Features
  7. Enhancing Your Reading Experience
    - Adjustable Fonts and Text Sizes of Pattern Recognition Techniques
    - Highlighting and Note-Taking Pattern Recognition Techniques
    - Interactive Elements Pattern Recognition Techniques
  8. Staying Engaged with Pattern Recognition Techniques
    - Joining Online Reading Communities
    - Participating in Virtual Book Clubs
    - Following Authors and Publishers Pattern Recognition Techniques
  9. Balancing eBooks and Physical Books Pattern Recognition Techniques
    - Benefits of a Digital Library
    - Creating a Diverse Reading Collection Pattern Recognition Techniques
  10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
  11. Cultivating a Reading Routine Pattern Recognition Techniques
    - Setting Reading Goals Pattern Recognition Techniques
    - Carving Out Dedicated Reading Time
  12. Sourcing Reliable Information of Pattern Recognition Techniques
    - Fact-Checking eBook Content of Pattern Recognition Techniques
    - Distinguishing Credible Sources
  13. Promoting Lifelong Learning
    - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

### **Pattern Recognition Techniques Introduction**

In today's digital age, the availability of Pattern Recognition Techniques books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Pattern Recognition Techniques books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Pattern Recognition Techniques books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Pattern Recognition Techniques versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Pattern Recognition Techniques books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Pattern Recognition Techniques books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Pattern Recognition Techniques books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities

and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Pattern Recognition Techniques books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Pattern Recognition Techniques books and manuals for download and embark on your journey of knowledge?

### **FAQs About Pattern Recognition Techniques Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Pattern Recognition Techniques is one of the best book in our library for free trial. We provide copy of Pattern Recognition Techniques in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Pattern Recognition Techniques. Where to download Pattern Recognition Techniques online for free? Are you looking for Pattern Recognition Techniques PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Pattern Recognition Techniques. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you

save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Pattern Recognition Techniques are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Pattern Recognition Techniques. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Pattern Recognition Techniques To get started finding Pattern Recognition Techniques, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Pattern Recognition Techniques So depending on what exactly you are searching, you will be able tochoose ebook to suit your own need. Thank you for reading Pattern Recognition Techniques. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Pattern Recognition Techniques, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Pattern Recognition Techniques is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Pattern Recognition Techniques is universally compatible with any devices to read.

### **Find Pattern Recognition Techniques :**

**news and messages**

**new world of labor**

[new york times crosswords for the weekend bright and brainy puzzles](#)

[newe hupia shoshoni poetry songs.](#)

**new websters spanishenglish englishspanish dictionary**

**new york states special places day trips weekends and outings in the empire state**

**newcastle old and new**

[new yorker album](#)

new york school the first generation paintings of the 1940s and 1950s.

nfls greatest ever gift set vols 13 plays players the game vhs tape

**nicene post nicence fathers 38 volumes**

**new york city ny streetmap**

nfls ultimate football challenge

new york jews & the decline of urban eth

new york city--its a great college town

### **Pattern Recognition Techniques :**

**issue paper project inspector eligibility qualifications for** - Nov 05 2022

web issue paper project inspector eligibility qualifications for 90b00a4730ad8ad7dbec05464f2545b6 military  
prepositioningasbestos

**get free issue paper project inspector eligibility qualifications** - Mar 09 2023

web collections issue paper project inspector eligibility qualifications for that we will categorically offer it is not vis vis the  
costs its roughly what you need currently this

**issue paper project inspector eligibility qualifications for** - Sep 03 2022

web issue paper project inspector eligibility qualifications for author blogs post gazette com 2023 05 09t00 00 00 00 01  
subject issue paper project inspector

issue paper project inspector eligibility qualifications for pdf - Nov 24 2021

web about this book issue paper project inspector eligibility qualifications for pdf pdf page 5 acknowledgments page 8 about  
the author page 8 disclaimer page 8 1

**issue paper project inspector eligibility qualifications for pdf pdf** - Jun 12 2023

web all we present issue paper project inspector eligibility qualifications for pdf pdf and numerous books collections from  
fictions to scientific research in any way among them

*issue paper project inspector eligibility qualifications for pdf* - Aug 02 2022

web issue paper project inspector eligibility qualifications for web issue paper project inspector eligibility qualifications for  
building fire and demolition codes fire marshals

**issue paper project inspector eligibility qualifications for pdf** - May 11 2023

web enter the realm of issue paper project inspector eligibility qualifications for a mesmerizing literary masterpiece penned  
with a distinguished author guiding readers on

**tarimorman gov tr** - Feb 25 2022

web İli proje değerlendirme komisyonu 14 2 etap eksik belgeleri olduğu belirlenen yatırımcıların listesi no proje no başvuru sahibi projenin adı 3 adet belgesi eksik

proje okulu okulları ve taban puanları 2023 lgs tercih - Dec 26 2021

web lgs tercih robotu lgs tercih robotu 2023 ile tüm liselerin güncel taban puanlarını yüzdelerle dilimlerini görebilir kolay ve hızlı okul arama ile tercih listenizi oluşturabilir

**issue paper project inspector eligibility qualifications for pdf** - Sep 22 2021

web dec 1 2022 is issue paper project inspector eligibility qualifications for below justice of the peace and county borough poor law union and parish law recorder 1845 the

issue paper project inspector eligibility qualifications for copy - Apr 10 2023

web below as competently as review issue paper project inspector eligibility qualifications for what you gone to read issue paper project inspector eligibility qualifications

*ppsc building inspector eligibility criteria 2022 for 157 posts* - Jan 27 2022

web ppsc building inspector eligibility criteria 2022 age limit 18 37yrs educational qualifications building inspector experience etc for 157 posts as per ppsc

issue paper project inspector eligibility qualifications for - Aug 14 2023

web aug 3 2023 right site to start getting this info acquire the issue paper project inspector eligibility qualifications for connect that we present here and check out the link you could buy guide issue paper project inspector eligibility qualifications for or get it as

free pdf download issue paper project inspector eligibility - Jul 13 2023

web issue paper project inspector eligibility qualifications for pdf pdf yeah reviewing a book issue paper project inspector eligibility qualifications for pdf pdf could add

issue paper project inspector eligibility qualifications for test - Oct 04 2022

web jul 1 2023 without difficulty as acquire handbook issue paper project inspector eligibility qualifications for you could quickly retrieve this issue paper project

**issue paper project inspector eligibility qualifications for** - Jan 07 2023

web issue paper project inspector eligibility qualifications for engineering education medicine law business relations and administrative managerial and technical work

*issue paper project inspector eligibility qualifications for* - Jul 01 2022

web become old to contact this on line publication issue paper project inspector eligibility qualifications for as competently

as review them wherever you are now title list of

**issue paper project inspector eligibility qualifications for** - Feb 08 2023

web issue paper project inspector eligibility qualifications for 1 1 downloaded from epls fsu edu on november 22 2022 by guest read online issue paper project

**issue paper project inspector eligibility qualifications for test** - May 31 2022

web jul 3 2023 this issue paper project inspector eligibility qualifications for as one of the majority functioning sellers here will thoroughly be joined by the best selections to

**issue paper project inspector eligibility qualifications for** - Oct 24 2021

web issue paper project inspector eligibility qualifications for nac chapter 645d inspectors of structures one paper mcqs solved preparation material all in

issue paper project inspector eligibility qualifications for - Apr 29 2022

web merely said the issue paper project inspector eligibility qualifications for is universally compatible with any devices to read minimum construction requirements for new

**İstanbul Üniversitesi cerrahpaşa** - Mar 29 2022

web İstanbul Üniversitesi cerrahpaşa araştırma Üniversitesi misyonu ve stratejik yol haritasını belirlemiş ve üniversitenin çalışma disiplinini bu plana uygun biçimde

**issue paper project inspector eligibility qualifications for** - Dec 06 2022

web management sam cia site redirect central intelligence agency mpsc 2018 eligibility criteria syllabus pattern age limit gates of vienna one paper mcqs solved

**madrugada suja miguel sousa tavares livro bertrand** - Apr 29 2023

web rtp adapta madrugada suja de miguel sousa tavares o livro madrugada suja de miguel sousa tavares será adaptado para série pela rtp com produção de maria mayer encontrando se já em gravações

**madrugada suja 3a prova amazon web services** - Jul 21 2022

web tavares miguel sousa madrugada suja miguel sousa tavares são paulo com panhia das letras 2013 isbn 978 85 359 2325 4 1 romance português i título 13 08823 cdd 869 3 Índice para catálogo sistemático 1 romances

**madrugada suja chega à rtp em 2023 fomos assistir às** - Aug 22 2022

web aug 18 2022 madrugada suja a série adaptada do romance com o mesmo nome de miguel sousa tavares lançado em 2013 chega à rtp e à rtp play no próximo ano a tarde de filmagens arranca com rafael morais filipe madrugada iris cayatte rita e marco mendonça rudolfo a dividirem uma cena passada na câmara municipal onde as três

**miguel sousa tavares author of equador goodreads** - Feb 13 2022

web genre miguel sousa tavares is a portuguese journalist and was born in porto on the 25th june 1952 his mother sophia de mello breyner was a poetess and his father francisco de sousa tavares a lawyer and a journalist after taking the law course he carried advocacy during twelve years but left it permanently to become a full time journalist

[spot publicitário do romance madrugada suja youtube](#) - May 19 2022

web spot publicitário do novo romance do escritor miguel sousa tavares madrugada suja um livro surpreendente sobre o portugal que construímos

**madrugada suja portuguese edition miguel sousa tavares** - Aug 02 2023

web jan 1 2013 paperback 34 05 2 used from 30 52 9 new from 11 60 no princípio há uma madrugada suja uma noite de álcool de estudantes que acaba num pesadelo que vai perseguir os seus protagonistas durante anos depois há uma aldeia do interior alentejano que se vai despovoando aos poucos até restar apenas um avô e um neto

[madrugada suja amazon com br](#) - Feb 25 2023

web o romance do português miguel sousa tavares acompanha as vidas desta família desde a revolução dos cravos que derrubou a ditadura de salazar em abril de 1974 até os dias atuais o pai de filipe francisco ficou viúvo muito cedo e sempre pareceu alheio ao que acontecia na aldeia

**apresentação do romance madrugada suja youtube** - Mar 17 2022

web jun 26 2013 apresentação do novo romance do escritor miguel sousa tavares no palácio galveias em lisboa

**editions of madrugada suja by miguel sousa tavares goodreads** - Mar 29 2023

web editions for madrugada suja 9897240721 paperback published in 2013 8854507709 paperback published in 2014 853592325x paperback published in 2013

*madrugada suja de miguel sousa tavares livro wook* - Oct 24 2022

web compre o livro madrugada suja de miguel sousa tavares em wook pt livro com portes grátis

[madrugada suja by miguel sousa tavares goodreads](#) - Oct 04 2023

web may 1 2013 1 292 ratings 110 reviews três histórias que se cruzam desde uma aldeia deserta até ao topo do poder no princípio há uma madrugada suja uma noite de álcool de estudantes que acaba num pesadelo que vai perseguir os

*madrugada suja ebook tavares miguel sousa* - Nov 24 2022

web madrugada suja ebook kindle por miguel sousa tavares autor formato ebook kindle 108 avaliações de clientes ver todos os formatos e edições kindle r 24 90 leia com nossos apps gratuitos capa comum r 38 89 25 usado a partir de r 7 50 24 novo a partir de r 32 00 1 colecionador a partir de r 27 90

**madrugada suja miguel sousa tavares compra livros na** - Sep 03 2023

web madrugada suja miguel sousa tavares o último romance do autor mais lido em portugal cruza três historias desde uma

aldeia deserta até ao topo do poder um romance que surpreende desde a primeira página até ao final este livro retrata o [madrugada suja by miguel sousa tavares books on google play](#) - Dec 26 2022

web madrugada suja ebook written by miguel sousa tavares read this book using google play books app on your pc android ios devices download for offline reading highlight bookmark or take notes while you read madrugada suja

*rtp adapta madrugada suja de miguel sousa tavares* - Jun 19 2022

web jul 27 2022 madrugada suja inspirada no livro de miguel sousa tavares é a nova aposta de ficção nacional da rtp com produção de maria mayer e que já se encontra em gravações veja as primeiras

[madrugada suja by sousa tavares miguel good soft](#) - Apr 17 2022

web abebooks com madrugada suja romance 1ª edição clube do autor lisboa 2013 de 23 5x15 5 cm com 351 i págs brochado revisão de henrique tavares e castro contém marcador de páginas do editor language português portuguese location localizacao i 126 b 19

*madrugada suja miguel sousa tavares companhia das letras* - Jul 01 2023

web uma tragédia na madrugada segredos de família e a corrupção política compõem a trama do novo romance de miguel sousa tavares numa madrugada de 1988 três estudantes de Évora e uma jovem de dezesseis anos saem para uma farra regada a muito álcool que terminaria em tragédia um dos rapazes é filipe último descendente da aldeia

**madrugada suja by miguel sousa tavares goodreads** - Jan 27 2023

web madrugada suja book read 108 reviews from the world s largest community for readers três histórias que se cruzam desde uma aldeia deserta até ao topo d

[madrugada suja miguel sousa tavares escritas org](#) - Sep 22 2022

web madrugada suja miguel sousa tavares 2013 189 online escritas org autores poemas citações ao acaso portal login modo escuro português español english login miguel andresen de sousa tavares é um jornalista e escritor português nasceu a 25 junho 1952 porto 34311 56 1 veja também josé craveirinha raquel ordones

**madrugada suja miguel sousa tavares compra livros na** - May 31 2023

web resumo uma tragédia na madrugada segredos de família e a corrupção política compõem a trama do novo romance de miguel sousa tavares numa madrugada de 1988 três estudantes de Évora e uma jovem de dezesseis anos saem para uma farra regada a muito Álcool que terminaria em tragédia

**how to add an authorization code to ibm spss statistics through** - May 19 2023

web please send me authorization code or a license code to license ibm spss statistics 20 lock code is 4 26d1f i want to recieve its correct license code spsslicensing

*ibm* - Nov 13 2022

web the spss licence codes for the new licence period 01 10 2022 30 09 2023 are available again in the asknetshop for more information and the links to the items in the webshop

*instructions authorized user license ibm - Jul 09 2022*

web aug 15 2023 live 9 lite license rar logic pro x torrent windows rar malwarebytes offline update download rar download all files from this folder ibm spss 20 license

*ibm united states - Dec 14 2022*

web ibm

**how to download install and license spss software ibm - Jan 15 2023**

web ibm united states

**spss update license code on existing spss installation - Feb 16 2023**

web jun 16 2018 the new and improved ibm spss help and support site is designed to ensure that you have all that require to install and use spss software learn what is

*activation key ibm spss crack v29 1 license code 2023 - Jan 03 2022*

*ibm spss partner guide to licensing - Aug 10 2022*

web t o enable ibm spss modeler to use the statistics t ransform statistics model and statistics output nodes you must have a copy of ibm spss statistics installed and

[new spss 27 28 29 licence codes available in asknetshop](#) - Oct 12 2022

web apr 23 2019 at the license status screen click next on the product authorization window select the button next to authorized user license i purchased a single copy of

*activate and renew your spss license teamdynamix - Sep 11 2022*

web option where a license code is supplied via email see appendix 1 for law screen shots or the partner can use the license key center to retrieve a license so now let s take

**looking for an authorization license code to license ibm spss - Apr 18 2023**

web dec 7 2020 answer license key is a unique code specific to the product installation and the host device computer where the product is installed to generate a license key

**creating your spss authorization code through the ibm - Aug 22 2023**

web sep 17 2019 answer to generate an authorization code or license key for your spss product you will need to access the license key center if you do not have access

**ibm spss 20 license code free download 4shared - Jun 08 2022**

web ibm spss statistics 30 1 crack with license code 2023 spss statistics related to licensing key usage so as to implement policies that limit access to confidential data

[ibm spss amos installation instructions authorized user license](#) - Apr 06 2022

web apr 25 2023 ibm spss statistics 29 1 crack license code latest 2023 posted for freeactivationkeys ibm spss statistics 29 1 crack license code latest ibm spss

**how to generate an authorization or license key for** - Jul 21 2023

web a license code looks like this a1b2c3d4e5f6g7h8i9j0k1l2m3n4o5p6q7r8s9t0u1v2w3x4y5z6a7b8c9d0e1f2g3h4

**authorised user license installation for ibm spss statistics 28 site** - Feb 04 2022

web aug 31 2023 ibm spss statistics 30 1 crack with license code 2023 spss statistics related to licensing key usage so as to implement policies that limit access to

**ibm spss statistics 29 1 crack license code latest 2023** - Mar 05 2022

web you will need your authorisation code to be able to license the ibm spss statistics 28 site license to install you must be logged on to your computer with administrator

[activating spss license by creating manually license file](#) - Jun 20 2023

web problem how do i add an authorization code to ibm spss statistics through the license authorization wizard resolving the problem 1 start the ibm spss license

[where do i find my spss authorization or license code s ibm](#) - Sep 23 2023

web apr 26 2022 your spss authorization codes can be created and viewed in the ibm spss license key center read this article to learn how to generate and manage your licenses in the ibm spss license key center a license key is created by activating an

*ibm spss statistics 30 1 crack 2023 with license code latest* - May 07 2022

web authorization code you will also need your authorization code s in some cases you might have multiple codes you will need all of them you should have received separate

**how to generate a license key for your spss product ibm** - Mar 17 2023

web mar 6 2015 this document explains how to update the license code on an existing installation of ibm spss statistics software for both mac and windows self help only