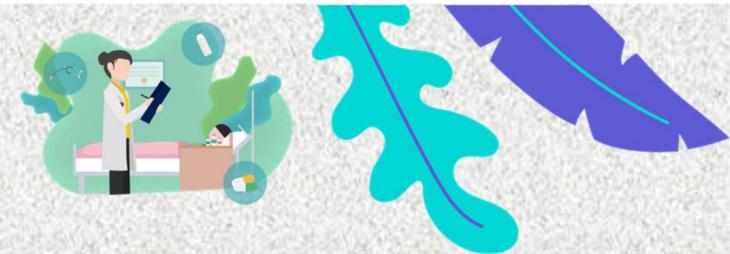


# 課程設計與 教材製作原則



## 01 組織架構 課程規劃



### 組織架構

### 課程規劃

課程  
地圖

大綱  
撰寫

學習  
目標

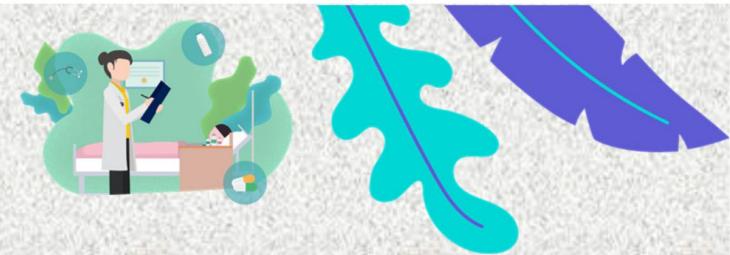
課程  
周次

各周  
主題

學習  
單元

02

## 教學設計



### 學習單元「模組化」

教學  
簡報

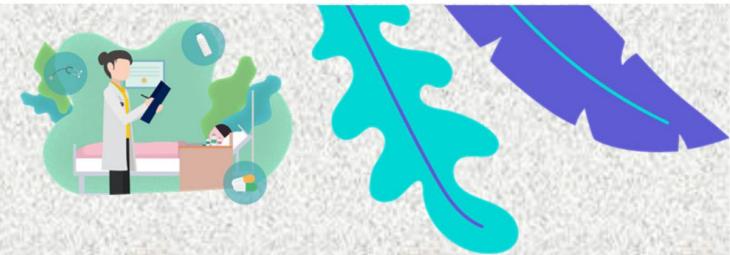
學習  
作業

測驗  
評量

1. 每週教學進度應設計數段小單元，教材影片分段呈現，以提供單一特定完整學習概念或知識點為主。不採用隨堂錄影。
2. 每一單元教材影片長度宜以 10-15分鐘 內為原則。
3. 每門課程之影音教材，應搭配測驗評量、互動討論、作業繳交等 方式實施課程。

03

## 教材製作



遵守著作權  
確保合理使用

簡報  
美化

智財  
初檢

影片  
錄製

1. 教材內容應符合著作權法、智慧財產權等相關法令規定，建議教材內容優先使用創用CC或開放式教育資源(OERs)。
2. 若教材內容不在上述範圍，引用文章內容、圖表等，應事先取得著作財產權人之同意永久授權。並清楚說明為「自製」、「已取得授權」、「創用CC」或其它來源。

## 03

## 教材製作

### 簡報建議格式

- 1920\*1080 版面
- 18-20字級以上
- 每個畫面至多3-5行文字



03

## 教材製作

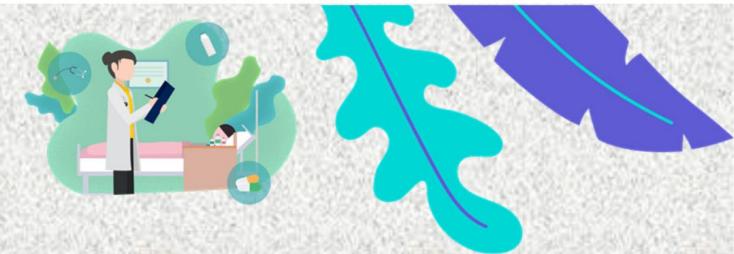
### 數位素材取得管道

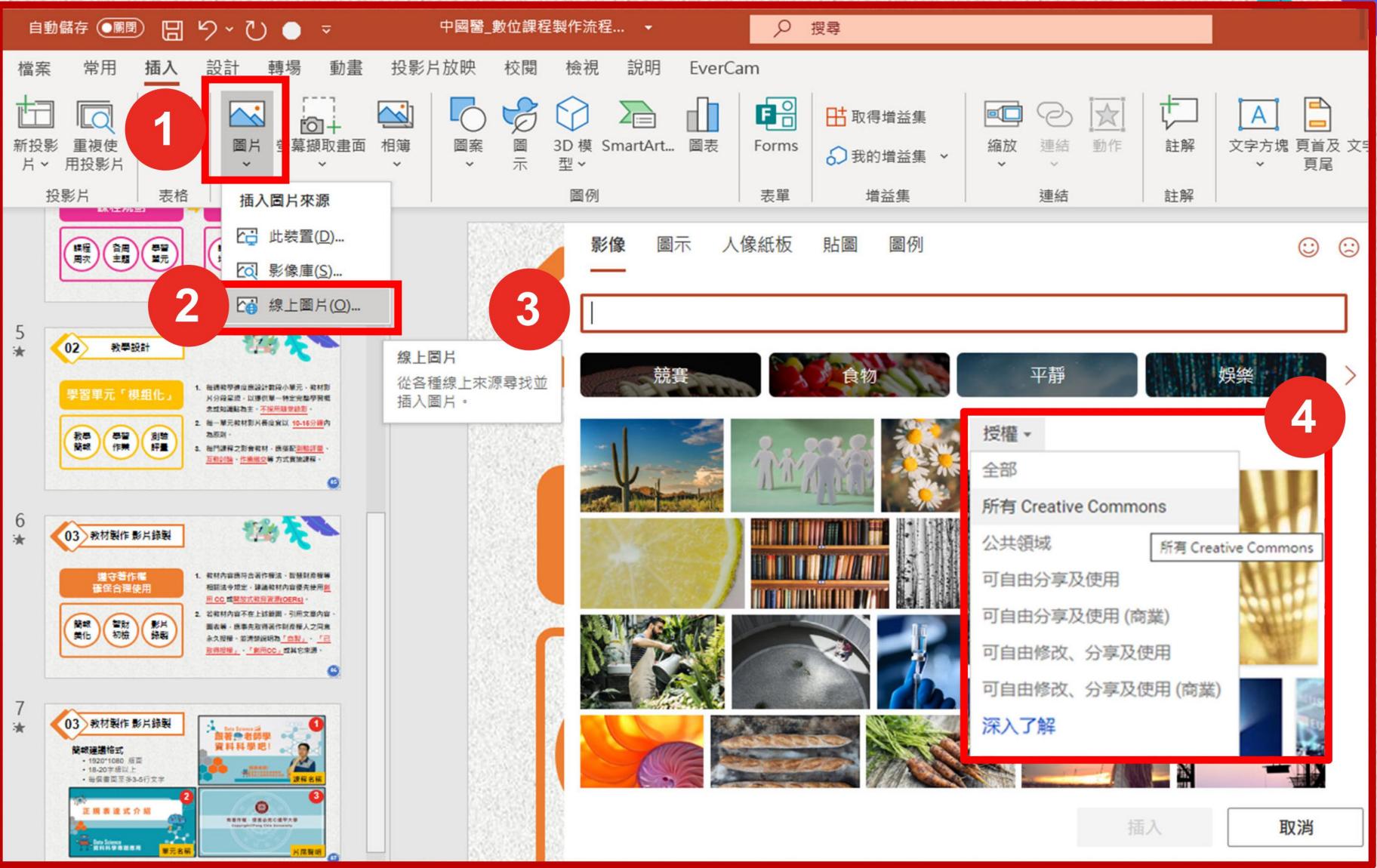
照片  
圖片

音樂  
影片

教科  
書

1. [開放教育資源平台](#)
2. [台灣創用CC Search](#)
3. [Bing Search](#)
4. [政府資料開放平台](#)
5. [YouTube音樂庫](#)
6. [Pexels 圖片庫](#)







# 台灣創用CC Search

STEP 1：輸入你要找的名稱

The screenshot shows the Creative Commons Search homepage. At the top, there is a navigation bar with links for "ccSearch", "About", "Browse by Collection", and "Feedback". A note on the right says "Looking for the old CC Search portal? Go [here](#)". The main heading is "SEARCH FOR CONTENT TO REUSE". Below it is a search bar with the placeholder "Search for images...". To the right of the search bar is a large orange "SEARCH" button. A red oval highlights the search bar. Below the search bar, a note states: "All content here is marked as being available for reuse under a Creative Commons legal tool. Learn more [here](#)." Underneath, there is a section titled "I want something I can" with two options: "Use for commercial purposes" and "Modify or adapt", each with a corresponding checkbox. At the bottom of the page, there is a footer with the Creative Commons logo, links for "Contact", "Privacy", "Policies", and "Terms", and contact information for Creative Commons: "WE'D LOVE TO HEAR FROM YOU!", "Creative Commons", "PO Box 1866, Mountain View, CA 94042", "info@creativecommons.org", and "1-415-429-6753". The footer also includes credits: "Icons by The Noun Project.", "Website by CC.", and "Contribute on GitHub."



# 台灣創用CC Search

STEP 2：點選你要的圖片

ccSearch About Browse by Collection Feedback

I want something that I can dinner

All licenses Over 10,000 images

All Sources

Image Type

File Type

Aspect Ratio

Image Size

Search by Creator

The screenshot shows the CC Search interface with a search term 'dinner' entered. On the left, there are dropdown menus for filtering by license, source, image type, file type, aspect ratio, and image size. A checkbox for 'Search by Creator' is also present. The main area displays a grid of nine images related to dinner, including people eating, plated meals, and table settings.



# 台灣創用CC Search

## STEP 3：下載圖片並複製授權

The screenshot shows a search result for an image titled "Dinner time!" by Astro. The image is a blurred photograph of a meal. Below the image, there are three buttons: "Attribution" (with a person icon), "Info" (with a magnifying glass icon), and "Share" (with a share icon). A horizontal line separates this from the "IMAGE ATTRIBUTION" section. In this section, the text "Dinner time!" by Astro is licensed under CC BY-NC-SA 2.0, followed by the CC BY-NC-SA 2.0 license icons. A green button labeled "COPY RICH TEXT" is visible. Below it, a text area contains the rich text code for embedding the image with attribution. A red rectangle highlights the attribution text and the license icons. Another green button labeled "COPY HTML" is located below the rich text area. At the bottom, there are sections for "How are you using this image?" (with a link to a quick survey) and "Verify at the source:" (with a note about CC Search aggregating data from public repositories and not verifying the source).

"Dinner time!" by Astro is licensed under CC BY-NC-SA 2.0

COPY RICH TEXT

```
<p style="font-size: 0.9rem; font-style: italic;"><a href="https://www.flickr.com/photos/10952931@N02/2781408594">Dinner time!</a><span> by <a href="https://www.flickr.com/photos/10952931@N02">Astro:</a></span> is licensed under <a href="https://creativecommons.org/licenses/by-nc-sa/2.0/?ref=ccsearch&atype=html" style="margin-right: 5px;">CC BY-NC-SA 2.0</a><a href="https://creativecommons.org/licenses/by-nc-sa/2.0/?ref=ccsearch&atype=html" style="margin-right: 5px;">View License</a></a>
```

COPY HTML

How are you using this image?

Let us know how you use this image in [this quick survey](#)

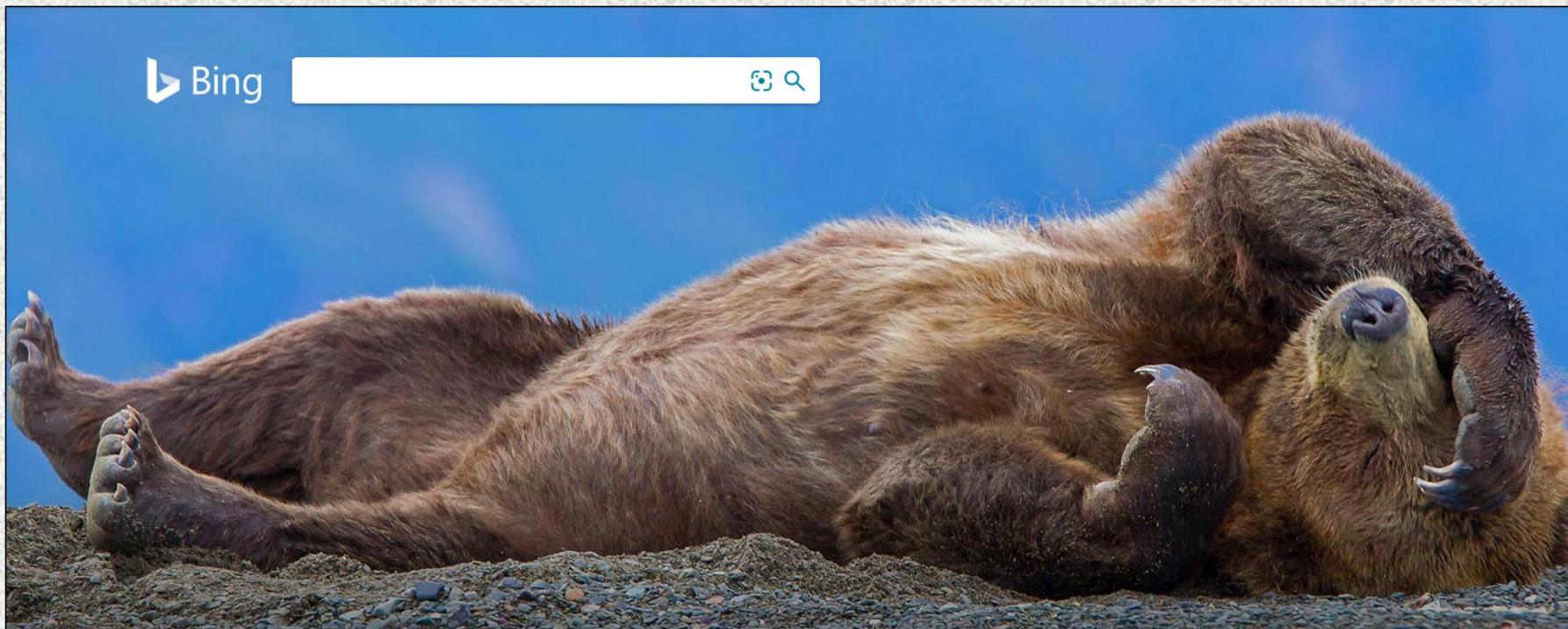
Verify at the source:

CC Search aggregates data from publicly available repositories of open content.  
CC does not host the content and does not verify that the content is properly CC-licensed or that the attribution information is accurate or complete.  
Please follow the link to the source of the content to independently verify before reuse.



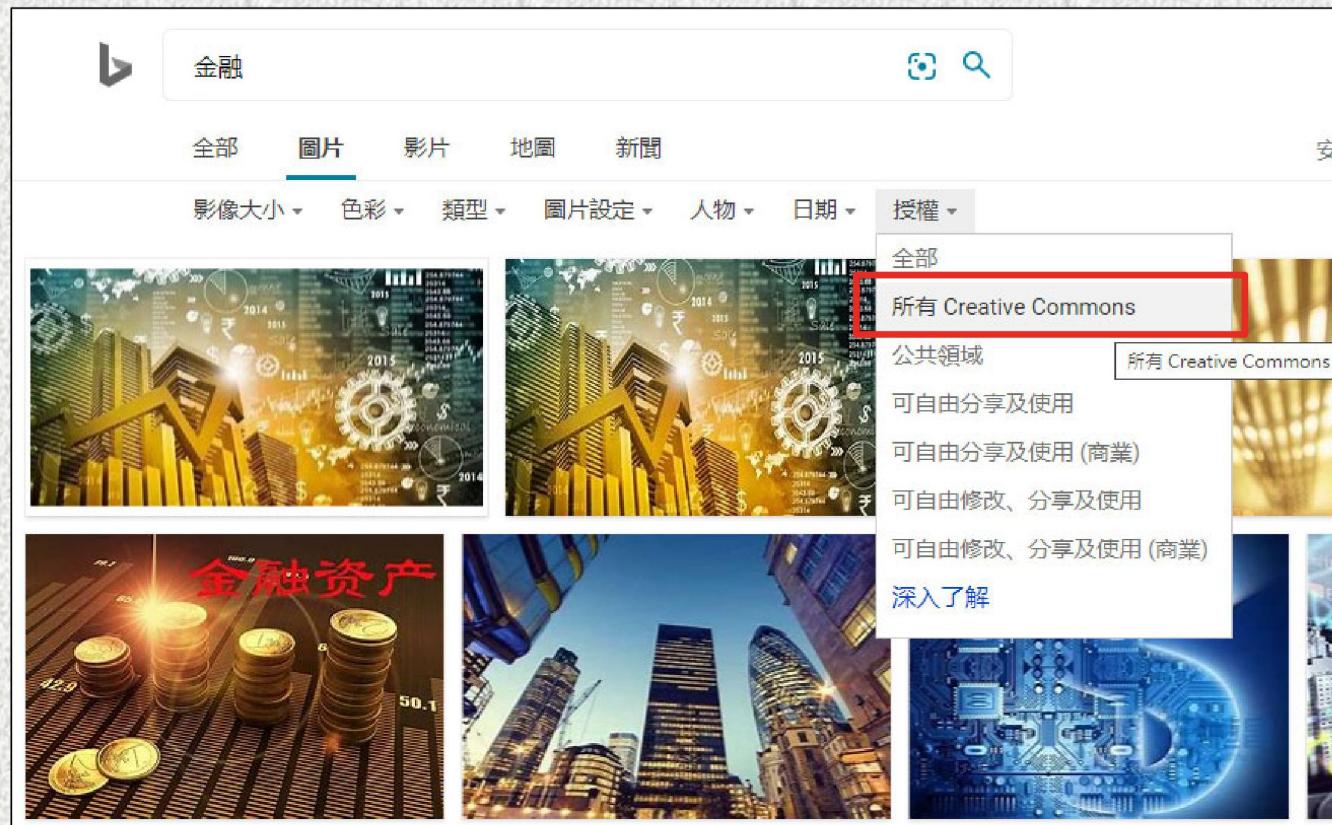
## Bing Search

STEP 1：輸入你要找的名稱



# Bing Search

STEP 2：點選授權、選擇「所有CC」，找到你要的圖片



# ➤課程延伸閱讀補充教材 - 開放教育資源平台(OERs)



ER 首頁 檢索/瀏覽 更多 搜尋 DSpace 語言

## 開放教育資源平台

克服開放式教育資源平台多樣性、分散性與重複性，從中蒐集、整理並挑選出採用創用CC、GNU通用公共授權等無償授權方式分享的電子教科書、媒體素材等開放式教育資源作為磨課師課程的輔助教材，提供作品描述(metadata)、學科主題、關鍵字分析與授權方式分類應用的加值服務，為教學者與學習者提供高效率、高準度的開放式教育資源整合查詢平台。

The screenshot displays the OPENEDU platform interface. At the top, there are navigation links for Home, Courses, Partners, Sign In | Register, and Language. Below the navigation bar, there are four course cards: 1. '營養科學' (Nutritional Science) by TCUST, featuring a collage of healthy food images. 2. '現代柯南之健康數據學堂' (Modern柯南之健康數據學堂) by TCUST, featuring a digital interface with data and charts. 3. '現代柯南：跟著瑪斯一起探索檢驗世界' (Modern柯南: Following Max to Explore the World of Inspection) by TCUST, featuring a cartoon character of Max. 4. '從善心到創新-善意企業賺錢法' (From Benevolence to Innovation - Social Enterprise Money-making Method) by FCU, featuring a red heart graphic.



首頁

查詢/瀏覽

更多

搜尋 DSpace



語言

# 開放資源平台

克  
授  
主  
平

## 資料類型

素材資料

15838

課程影片

473

電子教科書

13550

## 探索

### 作者

何麒竹

670

宋聖榮

600

陳彥元

572

張文亮

452

劉麗飛

433

黃俊傑

421

吳仁明

383

李賢輝

350

侯維恕

李得元

### 關鍵字

人物

2085

繪畫

1612

環境

1390

地理景觀

1259

History

1174

Science (General)

1148

插圖

1083

建築

1001

### 公開日期

2000 - 2020

29099

1900 - 1999

400

1800 - 1899

107

1700 - 1799

16

1600 - 1699

8

1500 - 1599

12

1300 - 1399

1

1191 - 1199

2

### 主題瀏覽

教科書-人文類 [2566]

教科書-應用科學類 [1065]

教科書-歷史地理類 [1127]

教科書-社會科學類 [3744]

教科書-自然科學類 [3204]

教科書-醫學類 [1844]

建議授課教師至少提供一本電子教科書作為延伸閱讀補充教材。

下一步 &gt;

下一步 &gt;

# 課程延伸閱讀補充教材 - 開放教育資源平台(OERs)



ER 首頁 查詢/瀏覽 更多 搜尋 DSpace 語言

平台。

請用此 Handle URI 來引用此文件：<https://oers.taiwanmooc.org/jspui/handle/123456789/131074>

標題: Knowledge-Oriented Applications in Data Mining

作者: Kimito Funatsu

公開日期: 2011

出版社: InTech

摘要: The progress of data mining technology and large public popularity establish a need for a comprehensive text on the subject. The series of books entitled by 'Data Mining' address the need by presenting in-depth description of novel mining algorithms and many useful applications. In addition to understanding each section deeply, the two books present useful hints and strategies to solving problems in the following chapters. The contributing authors have highlighted many future research directions that will foster multi-disciplinary collaborations and hence will lead to significant development in the field of data mining.

連結: <http://www.intechopen.com/books/knowledge-oriented-applications-in-data-mining>

關鍵字: Computer and Information Science; Numerical Analysis and Scientific Computing

ISBN: 978-953-307-154-1

主題: 教科書-自然科學類

**前往電子教科書  
頁面**