

ノンコーディングで行う機械入門

Lesson 1 機械学習概要、ソフトウェアRapidMiner Studio概要と事例デモ・実習

Lesson 2 分類1: 主要なアルゴリズム説明と応用事例デモ・実習

Lesson 3 分類2: データ前処理と後処理、教師データと

テストデータの分割による分類問題の実習

Lesson 4 分類3: 交差検証、最適アルゴリズム探索の実習

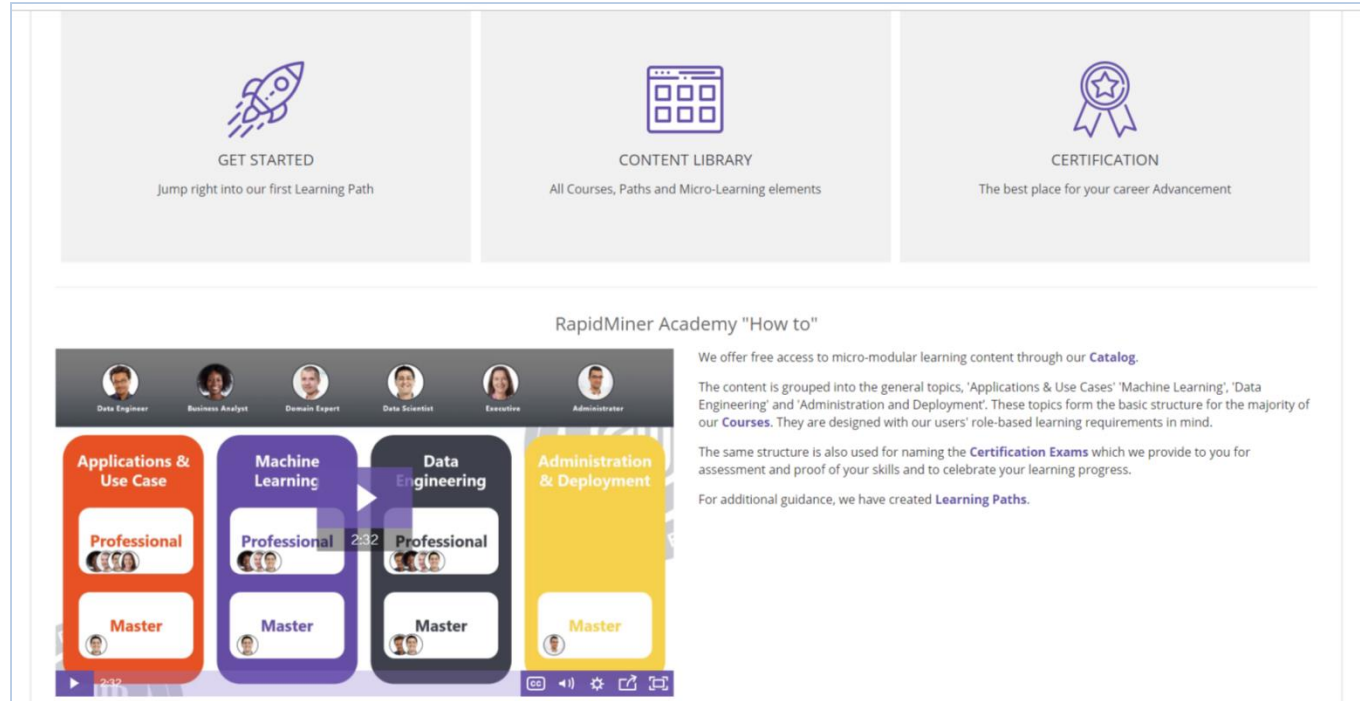
Lesson 5 回帰: 主要なアルゴリズム説明と実習

Lesson 6 (応用) 時系列データの機械学習

Lesson 7 (応用) Extensionによる機能拡張と画像の分類

Lesson 8 自ら学ぶ: RapidMiner のウェブサイトの活用

RapidMiner のウェブサイトには自習用教材が満載



The screenshot displays the RapidMiner Academy website interface. At the top, there are three main sections:

- GET STARTED**: Jump right into our first Learning Path (Icon: Rocket)
- CONTENT LIBRARY**: All Courses, Paths and Micro-Learning elements (Icon: Calendar)
- CERTIFICATION**: The best place for your career Advancement (Icon: Star in a circle)

Below these sections is a "RapidMiner Academy 'How to'" section. It features a horizontal bar with user roles: Data Engineer, Business Analyst, Domain Expert, Data Scientist, Executive, and Administrator. Below this bar are four vertical panels representing learning paths:

- Applications & Use Case**: Professional, Master
- Machine Learning**: Professional, Master
- Data Engineering**: Professional, Master
- Administration & Deployment**: Master

Arrows indicate a flow from Machine Learning to Data Engineering. To the right of the panels, text explains the structure of the content and exams.

We offer free access to micro-modular learning content through our **Catalog**.

The content is grouped into the general topics, 'Applications & Use Cases', 'Machine Learning', 'Data Engineering' and 'Administration and Deployment'. These topics form the basic structure for the majority of our **Courses**. They are designed with our users' role-based learning requirements in mind.

The same structure is also used for naming the **Certification Exams** which we provide to you for assessment and proof of your skills and to celebrate your learning progress.

For additional guidance, we have created **Learning Paths**.

<https://academy.rapidminer.com/>