

# DATA SCIENCE FOR BUSINESS

**Understand your data to boost business agility**

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# DATA SCIENCE FOR BUSINESS

- Pengenalan tools (Python, Pandas, Numpy, Scipy, matplotlib)
- Recommender System via Machine Learning
- Market Data Analysis
- Scrapping for Web/Documents Data Collections
- Time series data analysis

# Pengenalan tools pemrograman data science

- Pengenalan Python
- Pemrograman Python Dasar
- Package python untuk data science
- Visualisasi data
- Pengantar Data Science

# Recommender System via Machine Learning

- Pengantar Recommendation System
- Impact positif Recommendation System kepada bisnis
- Metodologi pengembangan Recommendation System
- Metoda evaluasi Recommendation System
- System Deployment

# Bisnis dan Market Data Analysis

- Metoda-metode analisis berbasis data sains.
- Clustering
- Classification
- Regression
- Studi kasus dan analisis

# Scrapping (Documents Data Collection)

- Introduction to web scraping (apa, mengapa, legalitas?)
- Tools untuk web scraping
- Inspeksi data source
- Scrap content, parsing, dan data storing and brief analysis

# Time series data analysis

- Definisi dan pengantar Time Series Analysis
- Identifikasi data time series dari data time series
- Identifikasi dan deskripsi komponen-komponen data time series.
- Forecasting (Peramalan) dengan model berbasis data Time Series
- Anomaly identification

