

# Learning Roadmap

COURSE	TRACK		
	Data Analyst	Data Scientist	Data Engineer
Kelas Persiapan			
Introduction to Data Science with R			
R Fundamental for Data Science	○	○	○
Introduction to Data Science with Python			
Python Fundamental for Data Science	↓	↓	↓
Fundamental SQL with SELECT Statement	○	○	○
Fundamental SQL using INNER JOIN			
Kelas Fundamental			
Statistics using R for Data Science	○	○	○
Data Preparation in Data Science using R			○
Data Exploration in Data Science using R	↓	↓	
Data Visualization in Data Science using R	○	○	
Fundamental Data Visualization using R	○	○	
Advanced Data Visualization with ggplot2 using R	○	○	↓
Data Wrangling Python	↓	↓	○
Python for Data Professional Beginner - Part 1	○	○	○
Python for Data Professional Beginner - Part 2	○	○	○
Python for Data Professional Beginner - Part 3	○	○	○
Data Visualization with Python Matplotlib for Beginner - Part 1	○	○	↓
Exploratory Data Analysis with Python for Beginner	○	○	○
Data Visualization with Python Matplotlib for Beginner - Part 2	○	○	↓
Data Quality with Python for Beginner	○	↓	○
Machine Learning With Python for Beginner		○	
Fundamental Data Visualization with Python		↓	↓
Data Manipulation with Pandas - Part 1		○	○
Data Manipulation with Pandas - Part 2		○	○
Statistic using Python for Data Science			
Statistic using Python for Data Science - Part 2	↓	↓	
Data Visualization using Plotnine	○	○	↓
Fundamental SQL Using SELECT Statement	○	○	○
Fundamental SQL Using FUNCTION and GROUP BY	○	○	○
Fundamental SQL Using INNER JOIN and UNION	○	○	○
Fundamental SQL Group By and Having	○	○	○
Kelas Penerapan di Industri			
Data Science in Finance: Credit Risk Analysis		○	
Data Science in Retail: Market Basket Analysis		○	
Data Science in Marketing: Customer Segmentation		○	
Data Science in Finance: Dimension Reduction	↓	○	
Analisis Data COVID19 di Indonesia	○		
A Walk Into Sensory Science	○	↓	
Basic Feature Discovering for Machine Learning		○	↓
Data Science in Telco: Data Cleansing		↓	○
Customer Churn Prediction using Machine Learning	↓	○	
Data Science Project: Analisis Data COVID19 di Dunia & ASEAN	○		
Data Analyst Project: Business Decision Research	○		
Eksplorasi dan Analisis Data COVID-19 Indonesia using Python	○	↓	
Data Science in Marketing : Customer Segmentation with Python		○	
Data Science in Marketing : Customer Segmentation with Python part 2		○	
Projects			
Project Machine Learning for Retail with R: Product Packaging	↓	○	
Project Data Analysis for Finance: Performa Cabang	○		
Project Data Analysis for Finance: Proses Investasi Investor	○	↓	
Data Science Challenge with Python		○	↓
Data Engineer Challenge with Python		↓	○
Project Machine Learning with Python: Building Recommender System		○	
Project Machine Learning with Python: Building Recommender System with Similarity Function		○	↓
Data Engineer Challenge with SQL	↓		○
Project Data Analysis for Retail: Sales Performance Report	○		
Project Data Analysis for B2B Retail: Customer Analytics Report	○		
Data Analysis for E-Commerce Challenge	○		
Project: Fundamental SQL Group By and Having	○		