Jolt

Data Analyst

Intro to Data Analysis

Course Intro
1.5 hours

Intro to Big Data
1.5 hours

Data Analyst Role and other Data Roles
1.5 hours

Intro to DBs and Tables
1.5 hours

Intro to Machine Learning
4.5 hours

Working on cloud platforms
3 hours

Panel Data analysts
3 hours

Excel

Basic Functions in Excel
1.5 hours

Organize Data With Excel
1.5 hours

Excel: VLookup & Functions Q&A
1.5 hours

Excel: Graphs & Pivot Tables
1.5 hours

Excel Vs Google Spreadsheet
1.5 hours

Data Analysis with Excel - First Practice
3 hours

Data analysis with excel - from the industry
3 hours

SQL

Introduction to SQL Server Management Studio
0.75 hours

Introduction to Query
1.5 hours

Operators & Filters
1.5 hours

Scalar & Conversion Functions
1.5 hours

Aggregate & Analytic Functions
1.5 hours

Union, Intersect & Except
0.75 hours

Subquery
1.5 hours

Summary Exercise SQL #1
1.5 hours

Case When
1.5 hours

Substring & Patindex
1.5 hours

Join
1.5 hours

Summary Exercise SQL #2
3 hours

SQL Industry Exercise A
3 hours

Exists & In
0.75 hours

With as
0.75 hours

SQL Errors
1.5 hours

Summary Exercise SQL #3
3 hours

SQL Industry Exercise B
3 hours

Creating and Editing Tables
1.5 hours

Execution Plan
1.5 hours

Reading SQL Queries
1.5 hours

Final SQL Exercise
3 hours

Data Visualization and Presentation Skills

Basic concepts in data visualization
3 hours

Dashboard As a Tool
1.5 hours

Tableau Part 1 - The Basics
3 hours

Tableau Part 2 - Advanced Uses & Dashboards
3 hours

Tableau - Advanced + Dashboard - Industry Exercise
3 hours

Visual Data Exploration
1.5 hours

Full Syllabus

Data Analyst

Jolt

Research and Result Analysis

Presentation design

3 hours

Speak Like a Pro: How to Master Public Speaking

3 hours

Presentation Exercise

3 hours

Turn Data to Conlusions

1.5 hours

Tables Exploration

1.5 hours

The Research Process

1.5 hours

Root Cause Analysis

2 hours

Cohort Analysis

1.5 hours

Funnel Analysis

1.5 hours

Churn Analysis

1.5 hours

Industry Exercise - Cohort Analysis

3 hours

Industry Exercise - Funnel Analysis

3 hours

Industry Exercise - Churn Analysis

3 hours

B2B Analysis Vs B2C Analysis

1.5 hours

Statistics and AB Testing

Common Errors in Research

1.5 hours

Common errors in research exercise - Industry

1.5 hours

Intro to Statistics

3 hours

Statistics: Samples, Histograms & Distributions

3 hours

Measures of Variability

1.5 hours

Statistics: Intro to Correlations

1.5 hours

Statistics Summary Exercise

3 hours

A/B Testing Methodologies

1.5 hours

Industry Exercise A/B testing

3 hours

Cross-Company Work

How to Work With a Data Developer

1.5 hours

Intro to Product Management: Discover, Design, Build, and Control

3 hours

Business Orientation

How to Work With a Product Manager

1.5 hours

How to Work With Other Analysts

1.5 hours

Intro to Tech

1.5 hours

Positions in Tech

1.5 hours

Business Model Canvas: Determine the Nine Key Segments of Your Business

3 hours

Lean Startup: How to Build & Launch a New Product

1.5 hours

An Essential Guide to Unit Economics for Startups

3 hours

SWOT: How to Make Strategic Business Decisions

1.5 hours

Intro to the Sales and CS Departments

1.5 hours

Behavioural Economics: What Really Drives your Customers?

1.5 hours

Marketing Channels: Smart Ways to Get Traction

3 hours

Full Syllabus

Data Analyst

Intro to Paid Ads

1.5 hours

How To Build A Customer Health Model (Subscription Model)

3 hours

Translating Business Objectives intro KPIs

1.5 hours

Business Exercise - Setting KPIs

3 hours

OKRs: How to Set Business Goals that Aim for Success

3 hours

Career

How to Build an Impactful LinkedIn Profile

1.5 hours

Mini-Hackathon: Building a CV

1.5 hours

Get Ready for Your Next Job Interview

1.5 hours

Job Interviews: Simulations

1.5 hours

Startup Skills

Manage Projects Using Monday.com

1.5 hours

Written Communication: Make Your Emails and IMs More Effective

1.5 hours

Storytelling Techniques For Business

3 hours

Automate Everyday Tasks That Take Away Your Time

3 hours

Python

Introduction to Computation and Programming

1.5 hours

Technical prep - Using Jupiter

1.5 hours

Input and print functions

1.5 hours

Python Variable & Data Types

3 hours

Python Numbers

1.5 hours

Python Math

0.8 hours

Strings

1.5 hours

Casting

1.5 hours

Python Operators

3 hours

Summary exercise 1

1.5 hours

If...else

3 hours

Loops: For , While

3 hours

Summary exercise 2

1.5 hours

Lists , Tuples , Sets , Directories

4.5 hours

Functions

3 hours

Python Lambda

1.5 hours

Summary exercise 3

1.5 hours

PIP (Package Manager)

1.5 hours

Files (read/write/create/delete)

1.5 hours

Pandas - Intro & install

1.5 hours

Pandas Series

1.5 hours

Pandas DataFrames

3 hours

Pandas CSV

1.5 hours

Pandas - Analyzing DataFrames

4.5 hours

Summary exercise 4

3 hours

Final Python Exercise

3 hours

Full Syllabus