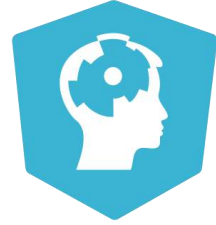




مراجعة يين



DataCamp

9



DATAQUEST

Mr.Fahad Masood Reda



محتوى الدرس

- 1- ما هي منصة داتا كامب ومنصة داتاكويست ؟
- 2- مسارات التي تقدمها المنصة
- 3- امثلة لشهادات كل منصة
- 4- أسعار المنصة
- 5- كيف اختار بينهم؟

محتوى الدرس

1- ما هي منصة داتا كامب ومنصة داتاكويست ؟

تعتبر منصة داتاكامب وداتاكويست من أرخص وأفضل المنصات (من وجهة نظري) لتعلم علم البيانات والتعلم الآلة الموجودة على الإنترنت

مسارات موجودة على منصة



DataCamp

Career Tracks- Skill Tracks



مدرّب 275



إجمالي عدد الكورسات 330

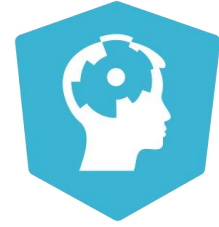


مسار مهني 14



مسار مهاري 43


مسارات موجودة على منصة




DataCamp

Career Tracks- Skill Tracks


ENROLLED




Data Scientist
with Python



29%



R Programmer



43 hours | 9 courses



مسارات موجودة على منصة DataCamp

Career Tracks



Data Scientist
with R



11%



Data Analyst
with R



64 hours | 19 courses



Python Programmer



52 hours | 13 courses



Data Analyst
with Python



60 hours | 16 courses



مسارات موجودة على منصة DataCamp

Career Tracks



Machine Learning
Scientist
with R



61 hours | 15 courses



Machine Learning
Scientist
with Python



93 hours | 23 courses



Quantitative Analyst
with R



65 hours | 15 courses



Statistician
with R



56 hours | 14 courses



مسارات موجودة على منصة DataCamp

Career Tracks



Data Analyst
with SQL Server

45 hours | 11 courses



Machine Learning for
Everyone

115 hours | 29 courses



Data Engineer
with Python

75 hours | 19 courses



Data Science for
Everyone

100 hours | 27 courses



مسارات موجودة على منصة DATAQUEST

Career Tracks

DATA SCIENCE COURSES

Each path is a curated sequence of courses, carefully arranged to take you from zero to job-ready.



Data Analyst – R

■ ■ ■ Beginner

You'll learn the basics of using R for data analytics, how to work with data sources, data cleaning techniques, how to perform statistical analyses, data visualization techniques, and predictive analysis.

[View Path](#)



Data Analyst – Python

■ ■ ■ Beginner

You'll learn the basics of using Python for data analytics, how to work with data sources, data cleaning techniques, how to perform statistical analyses, data visualization techniques, and predictive analysis.

[View Path](#)



Data Scientist – Python

■ ■ ■ Intermediate

You'll learn advanced techniques for using Python for data analytics: working with large datasets, machine learning topics, and the basic computer architecture and parallel processing topics.

[View Path](#)



Data Engineer

■ ■ ■ Intermediate

You'll learn how to work with production databases, how to build data pipelines that can handle larger data sets, and learn key computer science concepts like data structures, algorithms, and recursion.

[View Path](#)



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محتوى منصة

Data Science in Python

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

STEP 1 of 8 - 100% Done

Python Introduction

COURSE 1 / 2

Go to course page ^

Python for Data Science: Fundamentals

✓ Programming in Python

✓ Variables and Data Types

✓ Lists and For Loops

✓ Conditional Statements

✓ Dictionaries and Frequency Tables

✓ Functions: Fundamentals

✓ Functions: Intermediate

✓ Project: Learn and Install Jupyter Notebook

✓ Guided Project: Profitable App Profiles for the App Store and Google Play Markets

✓

COURSE 2 / 2

Go to course page ^

Python for Data Science: Intermediate

✓ Cleaning and Preparing Data in Python

✓ Python Data Analysis Basics

✓ Object-Oriented Python

✓ Working with Dates and Times in Python

✓ Guided Project: Exploring Hacker News Posts





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Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

STEP 2 of 8 - 37% Done

Data Analysis and Visualization

COURSE 1 / 6

Go to course page

Pandas and NumPy Fundamentals

Introduction to NumPy

Boolean Indexing with NumPy

Introduction to pandas

Exploring Data with pandas: Fundamentals

Exploring Data with pandas: Intermediate

Data Cleaning Basics

Guided Project: Exploring Ebay Car Sales Data

COURSE 2 / 6

Go to course page

Exploratory Data Visualization

Line Charts

Multiple plots

Bar Plots And Scatter Plots

Histograms And Box Plots

Guided Project: Visualizing Earnings Based On College Majors

COURSE 3 / 6

Go to course page

Storytelling Through Data Visualization

Improving Plot Aesthetics

Color, Layout, and Annotations

Guided Project: Visualizing The Gender Gap In College Degrees

Conditional Plots

Visualizing Geographic Data



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محتوى منصة



COURSE 4 / 6

[Go to course page](#) ^

Data Cleaning and Analysis

- ☐ Data Aggregation
- ☐ Combining Data With Pandas
- ☐ Transforming Data With Pandas
- ☐ Working With Strings In Pandas
- ☐ Working With Missing And Duplicate Data
- ☐ Guided Project: Clean And Analyze Employee Exit Surveys



COURSE 5 / 6

[Go to course page](#) ^

Data Cleaning in Python: Advanced

- ☐ Regular Expression Basics
- ☐ Advanced Regular Expressions
- ☐ List Comprehensions and Lambda Functions
- ☐ Working with Missing Data



COURSE 6 / 6

[Go to course page](#) ^

Data Cleaning Project Walkthrough

- ☐ Data Cleaning Walkthrough
- ☐ Data Cleaning Walkthrough: Combining the Data
- ☐ Data Cleaning Walkthrough: Analyzing and Visualizing the Data
- ☐ Guided Project: Analyzing NYC High School Data
- ☐ Challenge: Cleaning Data
- ☐ Guided Project: Star Wars Survey



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محتوى منصة

STEP 3 of 8 - 0% Done

The Command Line

☐ COURSE 1 / 2

[Go to course page](#)

Elements of the Command Line

☐ Introduction to the Command Line

☐ The Filesystem

☐ Modifying the Filesystem

☐ Glob Patterns and Wildcards

☐ Users and Permissions

☐ COURSE 2 / 2

[Go to course page](#)

Text Processing in the Command Line

☐ Getting Help and Reading Documentation

☐ File Inspection

☐ Text Processing

☐ Redirection and Pipelines

☐ Standard Streams and File Descriptors

☐ COURSE 1 / 5

[Go to course page](#)

SQL Fundamentals

☐ Introduction to SQL

☐ Summary Statistics

☐ Group Summary Statistics

☐ Subqueries

☐ Guided Project: Analyzing CIA Factbook Data Using SQL

☐ COURSE 2 / 5

[Go to course page](#)

Intermediate SQL for Data Analysis

☐ Joining Data in SQL

☐ Intermediate Joins in SQL

☐ Building and Organizing Complex Queries

☐ Guided Project: Answering Business Questions using SQL

☐ Table Relations and Normalization

☐ Querying SQLite from Python



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COURSE 3 / 5

[Go to course page](#) ^

Advanced SQL for Data Analysis

- ☐ Using PostgreSQL
- ☐ Command line PostgreSQL
- ☐ Project: PostgreSQL Installation
- ☐ Introduction to Indexing
- ☐ Multi-column indexing



COURSE 4 / 5

[Go to course page](#) ^

APIs and Web Scraping in Python

- ☐ Working with APIs
- ☐ Intermediate APIs
- ☐ Challenge: Working with the reddit API
- ☐ Web Scraping



COURSE 5 / 5

[Go to course page](#) ^

Data Analysis in Business

- ☐ Fuzzy Language in Data Science
- ☐ Communicating Results
- ☐ Business Metrics
- ☐ Guided Project: Popular Data Science Questions



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محتوى منصة

STEP 5 of 8 - 100% Done

Probability and Statistics



COURSE 1 / 5

[Go to course page](#) ^

Statistics Fundamentals

- ✓ Sampling
- ✓ Variables in Statistics
- ✓ Frequency Distributions
- ✓ Visualizing Frequency Distributions
- ✓ Comparing Frequency Distributions
- ✓ Guided Project: Investigating Fandango Movie Ratings



COURSE 2 / 5

[Go to course page](#) ^

Statistics Intermediate: Averages and Variability

- ✓ The Mean
- ✓ The Weighted Mean and the Median
- ✓ The Mode
- ✓ Measures of Variability
- ✓ Z-scores
- ✓ Guided Project: Finding the Best Markets to Advertise In



COURSE 3 / 5

[Go to course page](#) ^

Probability: Fundamentals

- ✓ Estimating Probabilities
- ✓ Probability Rules
- ✓ Solving Complex Probability Problems
- ✓ Permutations and Combinations
- ✓ Guided Project: Mobile App for Lottery Addiction



COURSE 4 / 5

[Go to course page](#) ^

Conditional Probability

- ✓ Conditional Probability: Fundamentals
- ✓ Conditional Probability: Intermediate
- ✓ Bayes Theorem
- ✓ The Naive Bayes Algorithm
- ✓ Guided Project: Building a Spam Filter with Naive Bayes



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محتوى منصة

STEP 6 of 8 - 23% Done

Machine Learning Introduction



COURSE 5 / 5

[Go to course page](#) ^

Hypothesis Testing: Fundamentals

- ☒ Significance Testing
- ☒ Chi-squared tests
- ☒ Multi category chi-squared tests
- ☒ Guided Project: Winning Jeopardy



COURSE 1 / 6

[Go to course page](#) ^

Machine Learning Fundamentals

- ☐ Introduction to K-Nearest Neighbors
- ☐ Evaluating Model Performance
- ☐ Multivariate K-Nearest Neighbors
- ☐ Hyperparameter Optimization
- ☐ Cross Validation
- ☐ Guided Project: Predicting Car Prices



COURSE 2 / 6

[Go to course page](#) ^

Calculus For Machine Learning

- ☒ Understanding Linear and Nonlinear Functions
- ☒ Understanding Limits
- ☒ Finding Extreme Points





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COURSE 3 / 6

[Go to course page](#) ^

Linear Algebra For Machine Learning

- ☒ Linear Systems
- ☒ Vectors
- ☒ Matrix Algebra
- ☒ Solution Sets



COURSE 4 / 6

[Go to course page](#) ^

Linear Regression For Machine Learning

- ☐ The Linear Regression Model
- ☐ Feature Selection
- ☐ Gradient Descent
- ☐ Ordinary Least Squares
- ☐ Processing And Transforming Features
- ☐ Guided Project: Predicting House Sale Prices



COURSE 5 / 6

[Go to course page](#) ^

Machine Learning in Python: Intermediate

- ☐ Logistic regression
- ☐ Introduction to evaluating binary classifiers
- ☐ Multiclass classification
- ☐ Overfitting
- ☐ Clustering basics
- ☐ K-means clustering
- ☐ Guided Project: Predicting the stock market



COURSE 6 / 6

[Go to course page](#) ^

Decision Trees

- ☐ Introduction to Decision Trees
- ☐ Building a Decision Tree
- ☐ Applying Decision Trees
- ☐ Introduction to Random Forests
- ☐ Guided Project: Predicting Bike Rentals



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محتوى منصة

STEP 7 of 8 - 0% Done

Machine Learning Intermediate

☐ COURSE 1 / 5 [Go to course page](#) ^

Deep Learning Fundamentals

☐ Representing Neural Networks

☐ Nonlinear Activation Functions

☐ Hidden Layers

☐ Guided Project: Building A Handwritten Digits Classifier

☐ COURSE 2 / 5 [Go to course page](#) ^

Machine Learning Project

☐ Machine Learning Project Walkthrough: Data Cleaning

☐ Machine Learning Project Walkthrough: Preparing the features

☐ Machine Learning Project Walkthrough: Making Predictions

☐ COURSE 3 / 5 [Go to course page](#) ^

Kaggle Fundamentals

☐ Getting Started with Kaggle

☐ Feature Preparation, Selection and Engineering

☐ Model Selection and Tuning

☐ Guided Project: Creating a Kaggle Workflow

☐ COURSE 4 / 5 [Go to course page](#) ^

Exploring Topics in Data Science

☐ Naive Bayes for Sentiment Analysis

☐ An Introduction to K-Nearest Neighbors

☐ COURSE 5 / 5 [Go to course page](#) ^

Natural Language Processing

☐ Introduction to Natural Language Processing



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Advanced Topics in Data Science

COURSE 1 / 6 [Go to course page](#) ^

Functions: Advanced

- ☐ Best Practices for Writing Functions
- ☐ Context Managers
- ☐ Introduction to Decorators
- ☐ Decorators: Advanced

COURSE 2 / 6 [Go to course page](#) ^

Data Structures and Algorithms

- ☐ Memory and Unicode
- ☐ Algorithms
- ☐ Binary Search
- ☐ Data Structures
- ☐ Recursion and Advanced Data Structures
- ☐ Guided Project: Investigating Airplane Accidents

COURSE 3 / 6 [Go to course page](#) ^

Python Programming: Advanced

- ☐ Object-Oriented Programming
- ☐ Exception Handling
- ☐ Lambda Functions
- ☐ Introduction to Computer Architecture
- ☐ Parallel Processing

COURSE 4 / 6 [Go to course page](#) ^

Command Line: Intermediate

- ☐ Working with Programs
- ☐ Command Line Python Scripting
- ☐ Challenge: Working with the Command Line
- ☐ Working with Jupyter console
- ☐ Piping and redirecting output
- ☐ Challenge: Data Munging Using The Command Line
- ☐ Data Cleaning and Exploration Using Csvkit



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<input type="radio"/>	<div><div>COURSE 5 / 6</div><div>Git and Version Control</div><div><div><input type="radio"/> Introduction to Git</div><div><input type="radio"/> Git Remotes</div><div><input type="radio"/> Git Branches</div><div><input type="radio"/> Merge Conflicts</div><div><input type="radio"/> Project: Git Installation and GitHub Integration</div></div></div>	<div>Go to course page ^</div>
<input type="radio"/>	<div><div>COURSE 6 / 6</div><div>Spark and Map-Reduce</div><div><div><input type="radio"/> Introduction to Spark</div><div><input type="radio"/> Project: Spark Installation and Jupyter Notebook Integration</div><div><input type="radio"/> Transformations and Actions</div><div><input type="radio"/> Challenge: Transforming Hamlet into a Data Set</div><div><input type="radio"/> Spark DataFrames</div><div><input type="radio"/> Spark SQL</div></div></div>	<div>Go to course page ^</div>



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أسعار منصة

*All prices shown in US Dollars.

BASIC MONTHLY

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\$29.00/mo

- ✓ Access all courses in the Data Analyst in Python Path
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GET STARTED



/ فهد مسعود رضا



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مراجعة بين





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For Individuals			For Teams	
FREE	BASIC	PREMIUM	PROFESSIONAL	ENTERPRISE
\$0 /month	\$25 /month	\$8.25 /month	\$300 per user per year	Contact us for pricing
Start For Free	Subscribe	Subscribe	Subscribe	Contact Us
<ul style="list-style-type: none">✓ First chapter of all courses✓ 7 projects*✓ All coding challenges✓ 1 skill assessment	<p>All FREE content, plus:</p> <ul style="list-style-type: none">✓ 44 courses**✓ 2 career tracks✓ Unlimited skill assessments✓ Community chat	<p>All BASIC content, plus:</p> <ul style="list-style-type: none">✓ 330 courses✓ 14 career tracks✓ 43 skill tracks✓ 82 projects✓ Priority Support	<p>All PREMIUM content, plus:</p> <ul style="list-style-type: none">✓ Assignments✓ Admin dashboard✓ User roles and permissions✓ Live chat for admins✓ 5-license minimum	<p>All PROFESSIONAL content and features, plus:</p> <ul style="list-style-type: none">✓ Pay by license or pay per hour of learning.✓ Tableau and Oracle content✓ Custom learning tracks✓ Build private courses✓ Advanced reporting✓ Data export✓ Skill assessment data



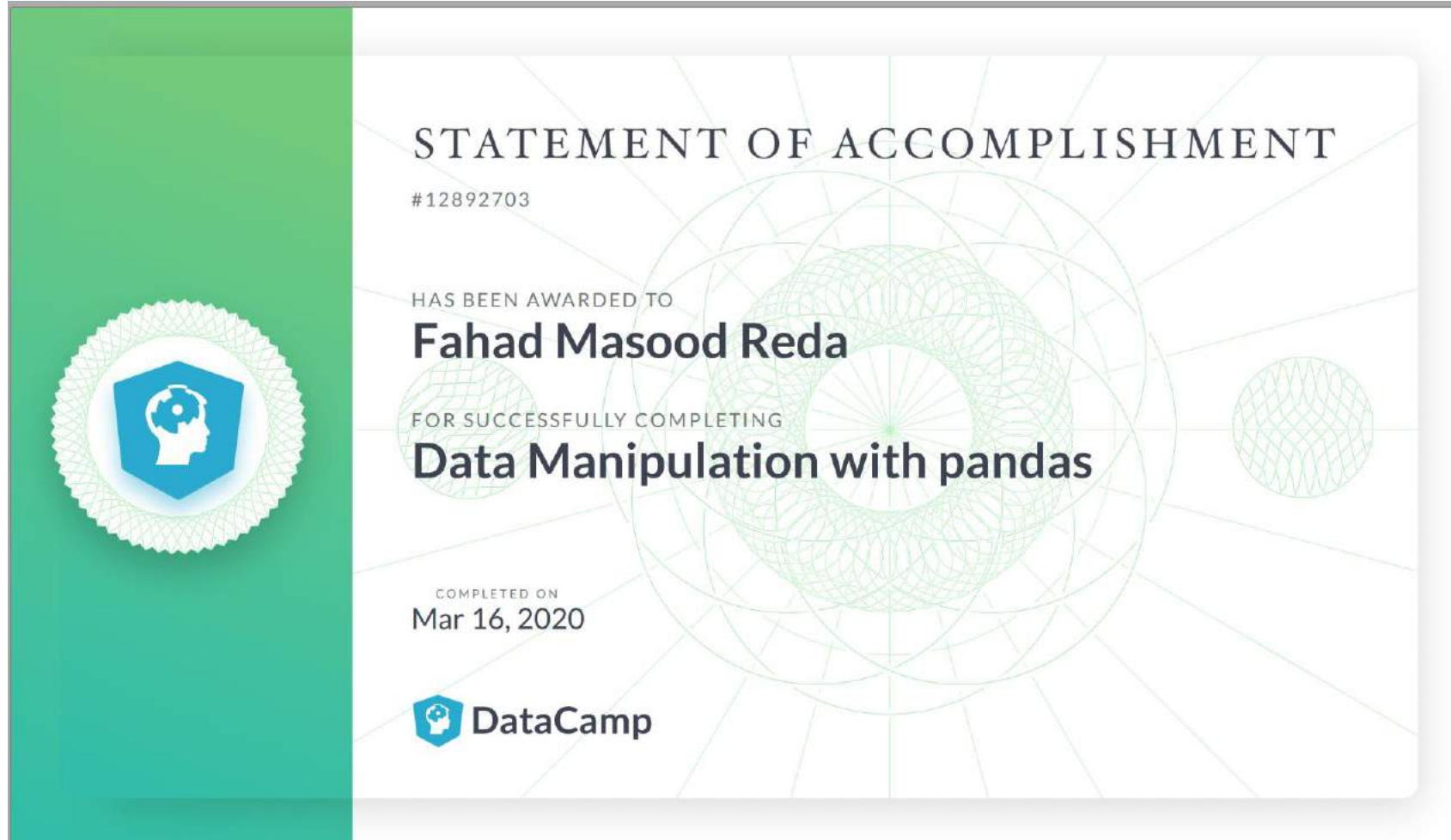
أي واحد أنسب لك

	 DataCamp	 DATAQUEST	
Exercises	✓	✓	التمارين
Projects	✓	✓	المشاريع
Downloadable slides	✓	✗	سلايدات
Videos	✓	✗	فيديوهات (بعضها يمكن تحميل الفيديوهات)
Variety of courses	✓	✗	أنواع الكورسات



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شهادة من





DATAQUEST

شهادة من



Fahad Masood Reda

Successfully completed the following course

CALCULUS FOR MACHINE LEARNING

Issued on 2020-03-18

Verify this certificate at https://app.dataquest.io/verify_cert/0135100ZZTHBK0Y4BKWP/

أ / فهد مسعود رضا



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مراجعة بين

شكرا Thank You