



Online kursus – k90210

Data Science

Title	Estimated Duration (hrs)
Data Science Overview	0,70
Data Gathering	1,20
Data Filtering	1,00
Data Transformation	0,80
Data Exploration	1,00
Data Integration	0,70
Data Analysis Concepts	1,70
Data Classification and Machine Learning	1,30
Data Communication and Visualization	1,33
Getting Started with Microsoft R	1,30
Packages and Data Types	1,10
The R Language and Big Data Processing	1,60
Importing and Manipulating Data	1,10
Modifying and Summarizing Data	0,90
Data Visualization and Predictive Analytics	0,93
Regression Analysis	0,98
Decision Tree and Classification Analysis	1,00
Cluster Analysis and Ensemble Learning	1,05
Data Wrangling in R	1,50
Debugging in R	0,90
Programming Techniques in R	1,50
Domain-Specific Tools in R	1,10
Getting Started with Microsoft Azure HDInsight and Administering clusters	1,00
Working with HDInsight Clusters	1,58
Managing HDInsight Data, Jobs, and Security	1,87
Batch Solutions with Hive and Apache Pig	1,05
Operationalize and Design with Spark	1,22
Interactive Queries with Spark SQL and Interactive Hive	0,85
Data Analysis Using Spark SQL and Hive	0,80
Interactive Processing using Apache Phoenix on HBase	0,57
Create Spark Streaming Applications	1,28
Develop Real-time Processing Solutions with Apache Storm	1,05
Building Solutions using Kafka and HBase	1,03
Cloud Data Science: Using Algorithms in Azure Machine Learning Studio	0,77
Building Data Pipelines	1,17
Balancing the Four Vs of Data: The Four Vs of Data	0,70
Creating Data APIs Using Node.js	1,50
Data Wrangler 4: Cleaning Data in R	1,00
Tableau Desktop: Real Time Dashboards	1,13
Data Analysis Application	1,42
Data Architecture Primer	1,05
Data Engineering Fundamentals	0,77
Data Lake: Framework & Design Implementation	0,57

Data Lake: Architectures & Data Management Principles	0,58
DevOps for Data Scientists: Data DevOps Concepts	0,75
DevOps for Data Scientists: Data Science DevOps	1,22
DevOps for Data Scientists: Deploying Data DevOps	0,57
DevOps for Data Scientists: Containers for Data Science	0,98
Data Pipeline: Process Implementation Using Tableau & AWS	0,65
Data Pipeline: Using Frameworks for Advanced Data Management	0,55
Data Rollbacks: Transaction Rollbacks & Their Impact	0,60
Data Rollbacks: Transaction Management & Rollbacks in NoSQL	0,48
Data Research Techniques	0,55
Data Research Exploration Techniques	0,83
Data Research Statistical Approaches	0,72
Data Silos, Lakes, & Streams: Introduction	1,33
Data Silos, Lakes, and Streams: Data Lakes on AWS	1,17
Data Silos, Lakes, & Streams: Sources, Visualizations, & ETL Operations	1,48
Deploying Data Tools: Data Science Tools	0,80
Data Wrangling with Pandas: Working with Series & DataFrames	1,18
Data Wrangling with Pandas: Visualizations and Time-Series Data	1,48
Data Wrangling with Pandas: Advanced Features	1,20
Implementing Governance Strategies	0,77
Data Science 2: Data Driven Organizations	1,25
Data Architecture - Deep Dive: Design & Implementation	0,60
Data Architecture - Deep Dive: Microservices & Serverless Computing	0,43
Compliance Issues and Strategies: Data Compliance	0,73
Data Access & Governance Policies: Data Access Oversight and IAM	0,98
Data Access & Governance Policies: Data Classification, Encryption, and Monitoring	1,32
Getting Started with Hive: Introduction	0,90
Getting Started with Hive: Loading and Querying Data	1,33
Getting Started with Hive: Viewing and Querying Complex Data	1,20
Getting Started with Hive: Optimizing Query Executions	0,72
Getting Started with Hive: Optimizing Query Executions with Partitioning	1,02
Getting Started with Hive: Bucketing & Window Functions	1,07
Hadoop HDFS: Introduction	1,25
Hadoop HDFS: Introduction to the Shell	0,88
Hadoop HDFS: Working with Files	0,80
Hadoop HDFS: File Permissions	0,90
Harnessing Data Volume & Velocity: Big Data to Smart Data	0,65
Getting Started with Hadoop: Fundamentals & MapReduce	1,07
Getting Started with Hadoop: Developing a Basic MapReduce Application	1,23
Getting Started with Hadoop: Filtering Data Using MapReduce	0,98
Getting Started with Hadoop: MapReduce Applications With Combiners	1,40
Getting Started with Hadoop: Advanced Operations Using MapReduce	0,82
Data Sources: Integration	0,67
Data Sources: Implementing Edge on the Cloud	0,52
MongoDB for Data Wrangling: Querying	1,10

MongoDB for Data Wrangling: Aggregation	0,85
Powering Recommendation Engines: Recommendation Engines	1,10
Data Tools: Technology Landscape & Tools for Data Management	0,45
Data Tools: Machine Learning & Deep Learning in the Cloud	0,38
Raw Data to Insights: Data Ingestion & Statistical Analysis	0,88
Raw Data to Insights: Data Management & Decision Making	0,95
R for Data Science: Data Structures	0,87
R for Data Science: Importing and Exporting Data	0,57
R for Data Science: Data Exploration	0,68
R for Data Science: Regression Methods	0,62
R for Data Science: Classification & Clustering	0,65
R for Data Science: Data Visualization	0,55
Scalable Data Architectures: Introduction	0,88
Scalable Data Architectures: Introduction to Amazon Redshift	0,92
Scalable Data Architectures: Working with Amazon Redshift & QuickSight	1,30
Streaming Data Architectures: An Introduction to Streaming Data	0,85
Streaming Data Architectures: Processing Streaming Data	0,88
Data Science Statistics: Simple Descriptive Statistics	1,18
Data Science Statistics: Common Approaches to Sampling Data	0,78
Data Science Statistics: Inferential Statistics	1,03
Data Science Statistics: Using Python to Compute & Visualize Statistics	1,27
Data Science Statistics: Applied Inferential Statistics	1,32
Trifacta for Data Wrangling: Wrangling Data	0,83
Fundamental Methods for Data Science in R	2,30
Machine Learning Examples for Data Science in R	2,50
Delivering Dashboards: Management Patterns	0,57
Delivering Dashboards: Exploration & Analytics	0,52
Securing Big Data Streams	1,05
Cloud Data Architecture: DevOps & Containerization	0,75
Cloud Data Architecture: Data Management & Adoption Frameworks	1,08
Advanced Visualizations & Dashboards: Visualization Using Python	0,63
Advanced Visualizations & Dashboards: Visualization Using R	0,58
Storytelling with Data: Introduction	0,78
Storytelling with Data: Tableau & PowerBI	0,95
Final Exam: Data Wrangler	1,50
Final Exam: Data Ops	1,50
Final Exam: Data Scientist	1,50
Final Exam: Data Analyst	1,08
Analyzing Data Using Python: Importing, Exporting, & Analyzing Data With Pandas	1,38
Analyzing Data Using Python: Analyzing Data Using Python: Filtering Data in Pandas	1,45
Analyzing Data Using Python: Cleaning & Analyzing Data in Pandas	1,90
Analyzing Data Using Python: Data Analytics Using Pandas	1,35