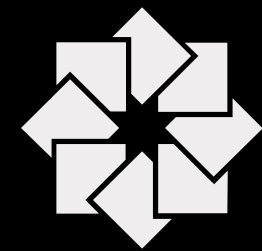


Data Zone Education Program



ADA Universiteti

PAŞA Bank baş ofisi



PAŞA
Bank

DZ DATA
ZONE

Data Engineering & Data Analysis Trainings

09/10/2023 – 21/11/2023

Opening Ceremony

06/10/2023

Introduction to SQL

Basic SQL syntax, retrieving data, filtering, sorting, and joining tables.

Arzu Shamiyeva 2 days

Advanced SQL Queries

Aggregate functions, grouping data, subqueries, advanced joins, and set operations.

Arzu Shamiyeva 3 days

Data Modification and Transaction Management

Inserting, updating, deleting data, managing transactions, and working with constraints.

Arzu Shamiyeva 3 days

Advanced Database Concepts

Window functions, date/time functions, string functions, security management, performance tuning

Arzu Shamiyeva 3 days

Introduction to PL/SQL

PL/SQL syntax, control structures, variables, and error handling.

Seymur Nasirov 3 days

Advanced PL/SQL Concepts

Cursors, records, collections, dynamic SQL, and package

Seymur Nasirov 3 days

Data Warehousing and ETL

(Extract, Transform, Load) pipelines

Ilaha Nuriyeva 3 days

Exam

Saturday

Data Science Trainings

22/11/2023 – 07/12/2023

Basics of Probability Theory

Aylin Asadova

4 hours

Basics of Statistics

Andrei Chankin

4 hours

Data Preprocessing

Kanan Zeynalzade

4 hours

Statistical Learning - Classification

Andrei Chankin

Yusif Abasov

15 hours

Statistical Learning - Regression

Elshan Kazimov

Aligulu Hajiyev

8 hours

Advanced Modeling with Pipelines

Kanan Zeynalzade

5 hours

Time Series Forecasting

Kanan Zeynalzade

4 hours

Statistical Learning - Clustering

Islam Akbarli

Ibrahim Alizade

5 hours

Statistical Learning - Association Rule Mining

Ibrahim Alizade

5 hours

Basics of Model Deployment

Islam Akbarli

5 hours

Exam

1 day

Data Governance Trainings

08/12/2023 – 15/12/2023

Data Governance Fundamentals

Mehti Aslanov Vadim Yakovlev

3 business days 4 hours/day

Data Governance Roles

Ofeliya Sofiyeva

3 business days 4 hours/day

Business Glossary and Catalog

Ofeliya Sofiyeva

3 business days 4 hours/day

Exam

3 business days 4 hours/day

Data Lineage & Data Linkage

Data Linkage: Conceptual-Logical-Physical Layers

Bahruz Gasimov

5 business days 4 hours/day

Data Linage and Impact

Bahruz Gasimov

5 business days 4 hours/day

Data Sources and Transformations in Linage

Bahruz Gasimov

5 business days 4 hours/day

Gather Meta-Data at EDC Data Domain

Bahruz Gasimov

5 business days 4 hours/day

Exam

Bahruz Gasimov

5 business days 4 hours/day

Data Governance - Data Quality Fundamentals

6 Key Data Quality Dimensions

Ofeliya Sofiyeva

5 business days 4 hours/day

Data Quality Rules Development

Ofeliya Sofiyeva

5 business days 4 hours/day

Data Quality Monitoring and Remediation Approach

Ofeliya Sofiyeva

5 business days 4 hours/day

Data Quality Process

Ofeliya Sofiyeva

5 business days 4 hours/day

Exam

Ofeliya Sofiyeva

5 business days 4 hours/day

Closing Ceremony

20/12/2023