Data Science with Python

CERTIFICATE

awarded to:

Lachin Abbaszada

to certify the completion of the training program
"Data Science with Python" held by QSS Analytics

QSS Analytics

Etibar Huseynli
Director

Data Science with Python Training Program

Introduction to Data Science:
- ✓ Introduction to Statistics and Descriptive Statistics
- ✓ Introduction to Algorithms
- ✓ Object Oriented Programming
- ✓ Introduction to Python

Data Manipulation with Python :
- ✓ Functions and Data Types of Python
- ✓ Data Frames
- ✓ Data Mining with Python
- ✓ Numpy, Pandas and Scipy Libraries

Data Visualization and Preprocessing:
- ✓ Probability Distribution
- ✓ Finding the Outliers
- ✓ Hypothesis Tests
- ✓ Matplotlib Library

Introduction to Supervised Machine Learning: Regression and Classification :
- ✓ Simple Line Regression
- ✓ Complex Line Regression
- ✓ Logistic Regression
- ✓ OLS Assumptions
- ✓ Advanced Matplotlib
- ✓ Heatmap by Seaborn

Supervised Learning Algorithms :
- ✓ K Nearest Neighbors (KNN)
- ✓ Decision Trees
- ✓ Random Forest
- ✓ Support Vector Machines (SVM)

Unsupervised Learning :
- ✓ Recommender Systems
- ✓ K-means Clustering
- ✓ Principal Component Analysis
- ✓ Kernel density estimation
- ✓ Model Selection
- ✓ Hierarchical Clustering

NumPy   Pandas   SciPy   matplotlib