Anna Stylianidou - Data Analyst Portfolio

Introduction

My name is Anna Stylianidou and I have completed a Data Analyst Bootcamp with hands-on training in Python, SQL, Excel, Power BI, Tableau, and Machine Learning. In addition, I am currently in the final year of my undergraduate studies in Mathematics at the Aristotle University of Thessaloniki. I have successfully participated in multiple Coderbyte assessments, proving my ability to work with real data, solve problems effectively, and deliver insights through analysis and visualization.

Project Areas & Assessments

◇ Tableau Project

• Final Assignment Tableau.twbx

• Description: Data visualization using dashboards, charts, and filters.

• Skills: Calculated fields, filters, parameters, drag-and-drop analysis, visual storytelling.

◇ SQL Projects

• MySQL Subqueries – 86%

• Aggregation & Sorting – 100%

• Select Command – 100%

• Intermediate MySQL Joins – 86%

• Entry Level SQL 1 – 100%

• Entry Level SQL 2 – 67%

✔️ Proficient in writing complex SQL queries, using JOINs, aggregations, filtering, and sorting.

◇ Python Projects

• Coding Interview Python 1 – 98%

• Coding Interview Python 2 – 100%

• Coding Interview Python 3 – 94%

 • Coding Interview Python 4 – 100%

• Coding Interview Python 5 – 86%

• Coding Interview Python 6 – 99%

• Entry Level Python Assessments – 92%+

• Python Conditionals – 88%

• Python Loops – 82%

• Python Modules – 100%

• Python Regex – 98%

• Pandas – 88%

• NumPy – 100%

• Coding Interview (Python) – 92%

• Python for Sports Data – data analysis and visualizations

✔️ Hands-on experience in developing algorithms, implementing regex, loops, control flow, modules, and test cases in Python. Utilized pandas, numpy, matplotlib, seaborn, and plotly for data analysis and visualizations on real-world datasets.

◇ Machine Learning Projects

• Data Preprocessing – using Python

• Train-Test Splits – 10/10

• Linear Regression Project – 10/10

✔️ Applied basic Machine Learning techniques and gained understanding of supervised learning.

◇ Additional Technical Skills

• Data analysis in Excel (Pivot Tables, formulas, data cleaning)

• Dashboards and visual reports with Power BI

🔨 Final Notes

All projects and assessments were completed through the Coderbyte platform with verified authenticity. No plagiarism or irregularities were detected. I am constantly developing my skills and ready to contribute to any data team.