ALINA LIAQUAT

DATA ANALYST

CONTACT

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SKILLS

- Python
- NumPy
- Pandas
- Data Visualizations using Matplotlib, Seaborn,Plotly
- EDA (Exploratory Data Analysis)
- Effective Communication
- Critical Thinking
- Prompt Engineering
- Streamlit (Web Apps)

LANGUAGES

- English - Intermediate
- Urdu (Native)

CERTFICATIONS

Google Prompting Essentials: https://coursera.org/share/43bd43bccf5c114b66e774de94b916cc

Google - Translating data into insights: https://coursera.org/share/c46971968668e3883e3cfe35a20defce

PROFILE

Self-motivated BSCS student (5th semester) with a strong foundation in Python-based data analysis, including EDA, NumPy, Pandas, Matplotlib, and Seaborn. Passionate about extracting insights from data and solving real-world problems. Currently learning Machine Learning to enhance technical skills. Seeking an internship to gain hands-on experience as a Junior Data Analyst.

PROJECTS EXPERIENCE

1. **Prosperous Farmer** – Agriculture Data Web App (Streamlit, Python, Pandas, Seaborn)
Link: prosperous-farmer.streamlit.app
   - Developed an interactive web application to assist farmers with agricultural insights
   - Implemented data visualization and analysis features for better crop decision-making
   - Deployed on Streamlit Cloud for public use

2. Exploratory Data Analysis on US Natural Resources Revenue (Kaggle Notebook)
View on Kaggle
   - Performed data cleaning, transformation and visualization on monthly revenue data
   - Time Series Analysis
   - Identified patterns and trends using Pandas, Matplotlib and Seaborn

3. Smart Irrigation Manager – IoT & Data Integration App (Python, Pandas, Streamlit)
   - Built a tool to optimize irrigation schedules
   - Created dashboard visualizations for water usage efficiency
   - Demo video available on LinkedIn

4. Machine Learning Project (In Progress)
   - Currently building a predictive model on **Thyroid Cancer Risk dataset** using Scikit-learn

EDUCATION

Bachelor of Science in Computer Science 2023-2027
University of Layyah
Current CGPA: 3.97 / 4.00
5th Semester Student