Muhammad Abdullah Saleem

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PROFILE

Adaptable and analytical Software Engineering student with strong hands-on experience in research, data interpretation, and project collaboration. Proficient in data tools and reporting platforms, with a solid foundation in teamwork, communication, and cross-departmental coordination. Eager to contribute to industrial operations and projects while gaining valuable experience in a real-world production environment.

EDUCATION

National Textile University, *Faisalabad, Pakistan*
Bachelor of Science in Software Engineering   **CGPA:** 3.16

SKILLS

- **Research & Analysis :** Python, MS Excel, Data Cleaning & Exploration, Report Writing, Jupyter Notebook

- **Data Visualization & Reporting :** Power BI, Tableau, Plotly, Matplotlib, Seaborn

- **Collaboration & Operations Support :** Microsoft Office Suite (Word, Excel, PowerPoint), Documentation, Meeting Notes, Agile Workflow

- **Soft Skills :** Communication, Teamwork, Adaptability, Problem-Solving, Time Management

EXPERIENCE

Aspiring Data Scientist

Conducted exploratory data analysis (EDA) and built predictive models using Python and machine learning frameworks.
Developed interactive data visualizations and dashboards to communicate insights effectively to stakeholders.
Applied data wrangling techniques to clean and preprocess datasets, ensuring high-quality inputs for modeling.
Stayed updated with emerging trends in data science, including advancements in AI and deep learning.

PROJECTS

1. **NASDAQ Market Analytics Dashboard | Python, Streamlit, Data Visualization**

• Developed an interactive dashboard to analyze NASDAQ securities with real-time sample data, eliminating user dependencies
• Implemented 5+ dynamic visualizations (histograms, box plots, violin plots) using Plotly to reveal trends in round lot sizes, ETF distribution, and market caps
• Designed a secure email reporting system (yagmail) enabling users to export analytics with attached visualizations
• Optimized UX with sidebar filters, tab-based navigation, and auto-loaded datasets for zero-configuration access
• Tools: Streamlit, Pandas, Plotly, Matplotlib, Git &
 live link:https://nasdaqdashboard-sv8v2tjb94dx65tqyjqd9r.streamlit.app/

2. **Titanic Survival Analysis Dashboard**

Created an interactive data visualization dashboard using Python and Streamlit to analyze the Titanic passenger dataset. Implemented data cleaning, statistical analysis, and multiple visualizations (histograms, boxplots, bar plots, heatmaps) to explore factors affecting passenger survival. Gained hands-on experience with Pandas, Seaborn, Matplotlib, and Streamlit for end-to-end data analysis and dashboard development.

3. **Movie Ratings Analysis Project**

Analyzed dataset of 21 movies using Python libraries (pandas, matplotlib, seaborn) to explore rating patterns across different genres and time periods.I reated comprehensive data visualizations including bar charts, scatter plots, and correlation heatmaps to identify key trends and relationships and generated actionable insights revealing Drama as the highest-rated genre and weak correlation between movie duration and quality ratings

Achievements & Hobbies

- Regular participant in Kaggle competitions and online AI courses.
- Enthusiastic about team-based product development and Agile collaboration.
- Exploring how no-code platforms can streamline early-stage project development.