

SURAJ SHA



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suraj931214

OBJECTIVE

An analytical and detail-oriented aspiring **Data Scientist** with a strong foundation in **Python, SQL, Statistics, and Machine Learning**, and hands-on experience in data analysis, visualization, and predictive modeling. With an MSc in Financial Engineering (WQU) and leveraging a background in Physics to bring quantitative problem-solving and research skills. Seeking a challenging role to apply data-driven insights, build scalable models, and contribute to impactful decision-making while continuously learning and growing in the field of Data Science and AI.

Education

WORLD QUANT UNIVERSITY

- MSC in FINANCIAL ENGINEERING

NALANDA UNIVERSITY

- BSC in PHYSICS HONS (NALANDA UNIVERSITY)

Relevant Coursework

Programming (Python), Data Structures, SQL, Statistics, Machine Learning, Data Visualization, Project Management.

SKILLS

Programming & Languages : Python, SQL, HTML

Data Science Libraries: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-learn

Databases: MySQL, PostgreSQL, SQLite, SQL Server (SSMS), AWS(Basic)

Tools & Platforms: Power BI, Excel, Git/GitHub, Jupyter Notebook, VS Code, PyCharm

Finance & Analytics: Time Series Analysis, Risk Management

PROJECTS

Delhi Air Quality Prediction



<https://delhiairquality.streamlit.app/>

Developed a Streamlit web app to visualize and forecast Delhi's air quality using time series analysis. Built interactive dashboards with Plotly for PM2.5 trends and seasonal insights. Enabled data-driven predictions.

Buenos Aires Real Estate Analysis



suraj931214-buenos-aires-real-estate-analysis.streamlit.app

Cleaned and analyzed property data to uncover pricing patterns by location and property type. Built visual dashboards with Seaborn/Matplotlib for rent vs sale trends. Extracted key insights to understand market dynamics and investment opportunities.

Other Projects: Movie Recommendation system, Census-Income prediction, Covid-19 Data Analysis, Walmart Sales Forecasting, NLP(web app and window app) etc.

CERTIFICATES

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| • Machine Learning Completion
BY INTELLIPAATH | 17-Dec 2024 |
| • MS SQL Server Completion
BY INTELLIPAATH | 16-Dec 2024 |
| • PYTHON Completion
BY INTELLIPAATH | 16-Dec 2024 |