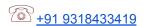
# **SURAJ SHA**









**Surai**931214

## **OBJECTIVE**

An analytical and detail-oriented aspiring **Data Scientist** with a strong foundation in **Python**, **SOL, 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, ProjectManagement.

### **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**

**Machine Learning Completion** BY INTELLIPAATH

17-Dec 2024

MS SQL Server Completion BY INTELLIPAATH

16-Dec 2024

**PYTHON Completion** 

16-Dec 2024

BY INTELLIPAATH