

# Avirup Saha

## Data Analyst

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New Delhi, India

Professional Business Analyst familiar with collecting, cleaning and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic and other analytical techniques. Highly organized, motivated and diligent with significant background in Data Science.



## Professional Experience

### Business Analyst

#### Refract Consulting

April 2022 - Present

- Worked under the supervision of senior analysts to deliver reports that align with the client's requirement.
- Improved data flow architecture in legacy projects which saw a significant increase in performance metrics.
- Designing ETL Pipelines for dashboards using SSMS & SSIS.
- Maintaining and designing product report dashboards.
- Understanding the domain specific business problems and transforming data as per requirements.

### Data Science Intern

#### Orangus

September 2021 - October 2021

- Data set interpretation, data cleaning,
- Explorative Data Analysis (EDA).
- Model building, Machine Learning.
- Generating data visualization reports.

## Professional Qualifications



### Masters in Business Analytics

Techstack March 2021 - September 2021

### Bachelors of Computer Applications

Institute of Management Studies Noida 2017 - 2020



## Technical Skills

- Data Analysis with Python
- Data Cleaning
- Data Visualization
- Machine Learning
- SQL
- SSIS
- Power BI
- Advanced Excel



## Projects

### Course Recommendation System and Dashboard

- Recommendation System based on Udemey dataset that aims to recommend certain courses within the dataset on the basis of specific keywords.
- Implementation of techniques such as Vectorization to achieve accurate results.
- Course dashboard shows various statistical features implemented for visual representation with the help of various data visualization libraries.
- UI integrated with Flask server.
- Heroku used for deployment.

## **Olympics Data Dashboard Using Python**

- Provides in-depth statistical representations of Olympic athletes by computing their Athletic Profiles, Country -wise Analysis, etc.
- Used Pandas, Numpy for data cleaning and preprocessing. Matplotlib, Seaborn and Plotly for Data Visualization.
- Making use of streamlit for building UI and Heroku for deployment.

## **SMS/Email Spam Classifier**

- Classification of Email/SMS messages on spam.
- Implementation of various NLP techniques such as text preprocessing and text representation.
- Using various ML models such as Naive Bayes to get precision scores up to 98%.



## **Certifications**

- Full Stack Data Science Bootcamp - iNeuron.AI
- Data Analysis Real world use-cases- Hands on Python - Udemy
- COVID-19 Data Analysis Using Python - Coursera



## **Soft Skills**

- Fluent in English, Hindi.
- Strong orator and presenter.
- Good persuasive skills.
- Analytical Thinking.
- Punctual and opportunistic.