

SUMMARY

Data Analyst with over 3 years of experience in leveraging advanced analytical techniques, machine learning, and deep learning algorithms to drive business insights and optimize decision-making. Skilled in data analysis and predictive model development. Able to collaborate with cross-functional teams to translate complex data findings into actionable strategies.

SKILLS & TOOLS

SKILLS: Data Cleaning, Data Wrangling, Data Mining, Statistical Analysis, Machine Learning, Deep Learning, Predictive Model Building

TOOLS: Python, Pyspark, SQL, Databricks, Jupyter Notebook, Microsoft Suite

WORK EXPERIENCE

Dun and Bradstreet Technology and Corporate Services India LLP, Chennai

Feb '23-Present

Data Analyst

- **Economic Impact Analysis:** Estimated FedEx's direct and indirect contribution to workforce and GDP of different regions across the world
- Automated Company's **Country Risk/Multi-Dimensional Analysis (MDA) Score** creation process by leveraging the concept of **Principal Component Analysis (PCA)** and **RapidFuzz**
- Contributed to building an **Export Import Propensity Model** using **XGBoost Classifier**
- Performed **Multivariate Time-Series Forecasting** using **SARIMAX** model to **forecast the expected and unexpected losses faced by Federal Reserve Bank** for a revised time-period
- **Analyzed** the monetary impact of **maritime shipment delays** faced by some US ports due to **Nicole, Ian, and Fiona** hurricanes, and the **Baltimore Bridge Collapse**
- Used **Deep Learning Denoising Autoencoders for Multiple Imputation (MIDAS)** to address Missing Value Imputation in datasets
- Used **Hugging-Face Large Language Models** and **Python REPL** for **Text Summarization** and **Sentiment Analysis**

Dun and Bradstreet Technologies and Data Services, Chennai

Sep '21- Feb '23

Data Analyst

Roles and Responsibilities:

- Leveraged company's flagship **Global Business Ranking (GBR) Score** to **report financial segments** of businesses to customers
- Monitored multi-dimensional impact of Covid on Businesses during Covid 19 pandemic using **Covid-19 Impact Index**
- Converted multiple codes from **SAS to Pyspark**
- Created Geographic and Industry level monthly scores that measure the health of Businesses across Countries and States based on parameters like **Payment Delinquency, Credit Card Utility, Business Failure Rate, Business Viability, Bankruptcy Rate**, etc.
- Created monthly **Investigative Reports** that identify cases of companies involved in **Identity Theft** and **Misrepresentation**

INTERNSHIPS

Aam Aadmi Party, Delhi

Dec '18-Jan '19

Political Research Intern

- Researched on the public Schemes launched by the Ruling Government
- Researched party guidelines for contesting state elections

Spandan NGO, Delhi

Sep '18-Nov '18

Researcher and Volunteer

- Collected information and reached out to people to set up a medical service center
- Volunteered in village health-camps

Darashaw Capital Market Company, Delhi

Jul '16-Sep '16

Sales and Research Intern

- Researched on Non-SLR debt instruments/securities issued by corporates, banks, All-India Financial Institutions, and State and Central Government sponsored institutions
- Researched the investment limits faced by different co-operative banks while investing in Non-SLR securities

EDUCATION

Madras School of Economics, Chennai

2019-2021

M.A. Environmental Economics

Deshbandhu College, Delhi University

2015-2018

B.A. (Hons) Economics