**Navneeta Sharma**

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[LinkedIn Profile](https://www.linkedin.com/in/navneeta-sharma-728605168/) | [Tableau Dashboard](https://public.tableau.com/app/profile/navneeta3458#!/) | [Git Hub Profile](https://github.com/Navneeta2)



**Education Qualifications**

**MSc Finance and Financial Technology (FinTech), Henley Business School, UK *09/2021 – 09/2022***

* Key modules*:* Fundamentals of Financial Markets, Programming for FinTech (Python), Machine Learning and Big Data in Finance, Business Intelligence and Data Mining.
* Received a scholarship awarding £4,000 off tuition fees for the master’s program.

**Bachelor’s in Commerce (International Business), St Francis College, India *06/2015 – 06/2018***

* Key modules: Accounting, Financial Markets and Services, International Financial Management, and Taxation.
* University Grants Commission (UGC) – Prepared and presented my research project on Green Human Resource Management that was selected to be presented in a national seminar and subsequently published in UGC’s journal.
* 8 / 10 GPA



**Career History**

**Data Analyst - SSE Plc, Glasgow, UK  *06/2022 – Present***

* Currently working on a **Machine Learning** project to build a model based on **Time Series Analysis (ARIMA)** that determines forecast average pricing values using historical data of a certain commodity to help the business in planning ahead and ensuring fair price practices.
* Creating robust **Power BI** dashboards to extract, clean and transform data from SharePoint and refresh the reports efficiently to replace the existing Macros-based Excel reporting that helped reduce the time spent by 50% in addition to working on continuous repair and improvement of the dashboards.
* Preparing ad hoc **Power BI** reports on competitive analysis of potential suppliers, cost and benchmarking figures of equipment, price trend and forecasting analysis, current and future supply chain insights, demand and revenue growth and tracking technology trends to aid the business in taking better decisions.
* Working in **Agile framework** environment involving use of **Jira tools** for time management to improve productivity and track progress.
* Experience in using **Azure Data Factory** for data source integration to create **ETL pipelines** that extract data, clean data and produce **Power BI** reports as a transition from the current reporting therefore making it more efficient and error free.

**Procurement Administrator - University of Reading, UK *03/2022 – 05/2022***

* Combining large spend datasets from different sources followed by data cleaning and analysis using **Pandas** in **Python** to gather insights on areas of higher spends, comparing them with the budget allocation and developing a saving strategy to save 30% of future spends. This was visualized using interactive **Power BI** dashboard that helped in presenting the results in a clear and concise manner.

**Master’s student ambassador - University of Reading, UK *11/2021 – 05/2022***

* Demonstrating leadership and professionalism in providing outstanding customer service by representing the university in events to help students and parents with the right information.
* Creating and posting appropriate content on the university blog about my experiences and calling offer-holders monthly, which helped speed up the application process by a 20% increased response rate.

**Tax Analyst (Global Employer Services) - Deloitte USI, India *08/2018 – 03/2021***

* Handled various management tasks involving regular client communication to answer their queries and performing compliance setups, to ensure a streamlined process in addition to preparing weekly and monthly KPI reports to track progress.
* Designed, developed, and tested a new Excel spreadsheet that streamlined the monthly billing process including timesheet monitoring, and budget allocation resulting in improved billables and efficient time management.
* Identified a problem with the process flow and implemented a system using MS Excel as a solution, ensuring compliance of practices.
* Awarded two Spot awards and one Applause award for receiving consistently great feedback.



**Projects**

**Python, SQL, Power BI – *10/2022***

* Extracted fundamental data of Nifty 50 stocks from Yahoo Finance using **Pandas, NumPy and YFinance** libraries within **Python**, saved the cleaned data in a **MySQL** database, created queries for further analysis and connected it to a Power BI dashboard to visualize the report.
* Link to Power BI dashboard and code on GitHub:
* [NIFTY 50 Power BI dashboard](https://app.powerbi.com/groups/me/reports/e8ee575a-d031-42e6-8345-9888bd4ac1f6/ReportSection)
* [NIFTY 50 GitHub Code](https://github.com/Navneeta2/NIFTY-50-/blob/main/NIFTY%20DASH%20(Python%20SQL%20Power%20BI).ipynb)

**Machine Learning – *03/2022***

* Conducted **data cleaning and exploration** using **Pandas** on a dataset containing 12 features by filtering, outlier detection, missing information, and correlation analysis. Built **machine learning models** based on **Logistic Regression** and **Decision Tree** using **Sklearn** to predict potential customers of a product and proposed the marketing strategy accordingly. Performed **feature selection** to determine the most important features and **data visualization** using **Matplotlib** and **Seaborn**.
* Link to code on GitHub: [Machine Learning Project](https://github.com/Navneeta2/Machine_Learning)

**Data Mining – *03/2022***

* Used **Pandas** for data cleaning and exploring Airbnb listings dataset, conducted **K-means clustering** to identify similar listings, and constructed a **predictive model** using **SAS** based on **Decision Tree** to classify long-term and short-term listings. Developed an interactive **dashboard** using **Tableau** for **data visualization** to gather detailed insights.
* Link to Tableau dashboard: [Airbnb Analysis](https://public.tableau.com/app/profile/navneeta3458/viz/AirbnbinGreaterManchester/Dashboard1)

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**Skills**

* **IT Skills** – Azure Data Factory, Python, SQL, Power BI, Tableau, SAS, KNIME, MS Office (Word, Excel, Outlook, PowerPoint).
* **Soft Skills** - Data analysis, data visualization, business intelligence, data mining, critical thinking, analytical mindset, problem-solving, teamwork, creativity, organization and planning, and effective communication.
* **Languages** - English – Fluent, Hindi – Native.
* **Certifications** –
* Tableau Essential Training by LinkedIn – ***03/2022***
* Bloomberg Market Concepts certification – ***11/2021***
* Google Data Analytics certification by Coursera – ***10/2020***

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