

Shreya Ramola

Dehradun, Uttarakhand • 9870720694 • shreyaramola2002@gmail.com • <https://www.linkedin.com/in/shreya-ramola-04a41022a/>

SUMMARY

Aspiring Data Analyst with internship experience, skilled in **extracting** and **analyzing** data to drive strategic insights. Proficient in **SQL, Python and Excel** with experience in **automating workflows**, cleaning datasets, and conducting detailed exploratory analysis. Well-versed in **Power BI** for creating interactive **dashboards** and **visualizations** that support data-driven decision-making. Passionate about solving complex problems and delivering value through **analytical** and **technical** expertise.

TECHNICAL SKILLS

Programming Languages and Database: Python (*Pandas, NumPy, matplotlib, seaborn*), MySQL, Advanced Excel (*Pivot Tables, VLOOKUP, Macros, Data Validation*).

Data Analysis and Visualisation: Power BI, MS-Excel, Google Sheets, Google Analytics

Statistical Analysis: Descriptive statistics, Hypothesis Testing, Regression Analysis, Correlation, Statistical Modelling

DevOps Tools: Jenkins

WORK EXPERIENCE

Republic Media

Research Intern

09/2024 – 11/2024

Highlights

- Used **MS Excel** to analyse and create detailed reports and pivots of data extracted from **BARC software**, facilitating granular insights into channel performance and client contributions.
- Automated the generation of daily viewership reports for **Republic TV** replacing reliance on manually updated Excel files.
- Created automated reporting system using **Python** scripts that extracted key metrics such as **growth rates** and **client engagement** levels weekly, reducing report preparation time by **25 hours each month**.
- Achieved a **30-hour monthly reduction in manual effort** and improved report delivery speed by **40%** through automation.

PROJECTS

ZOMATO INSIGHTS

- Processed** and cleaned a large **Zomato dataset (100,000+ records)** by removing duplicates and handling missing values, using **Power BI** to identify patterns in **restaurant distribution, cuisine popularity, and rating trends**.
- Created **interactive visualizations** (bar, line, pie charts) to analyze factors influencing **ratings** and **customer reviews**, providing insights into high-demand areas and top-rated cuisines, aiding business strategies for **restaurant management and marketing**.

DATATUBE INSIGHTS

- YouTube Data Scraping & Analysis:** Developed a Python project using the **YouTube Data API** to extract channel details and video statistics of top Data Analysts/Data Scientists, analyzing 100–500 videos with Pandas and visualizing key metrics like **total views, likes, and engagement rates**.
- Channel Comparison & Visualization:** Compared channels based on key performance indicators (e.g., average views, likes, engagement rates) and generated visualizations using **Seaborn**, highlighting differences in channel performance across the dataset.

EDUCATION

BACHELOR OF BUSINESS ADMINISTRATION (Business Analytics)
Chandigarh University (2021-2024)

CERTIFICATIONS

- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert (Udemy)
- Complete Guide to Power BI for Data Analysts by Microsoft Press (LinkedIn Learning)