

Rudra Rokaya

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PROFESSIONAL SUMMARY

Data analyst with master's degree in data science and over **3 years** of professional experience, transitioning from Android development to data analytics. Proven ability to develop and launch 10+ Android applications, demonstrating proficiency in **programming (Java, Kotlin)** and robust problem-solving skills. Adept at **data cleaning, modelling, and visualization** using **Python, R, SQL, Power BI, and Excel**. Skilled in transforming complex datasets into **actionable insights** to support data-driven business decisions. Passionate about applying **data analytics** expertise in **large-scale environments** to optimize processes, identify opportunities, and drive innovation.

TECHNICAL SKILLS

Programming Languages:	Python (Pandas, NumPy, Matplotlib), R (R Studio), Java, Kotlin
Databases:	MySQL, SQL Server, Microsoft Azure
BI & Visualization Tools:	Power BI Desktop (DAX, Power Query), Microsoft Excel, Data Modelling, Data Visualization, Data Cleaning, Data Storytelling
Version control:	Git, GitHub, GitLab
IDEs and Tools:	Visual Studio Code (VS Code), Android Studio, SPSS, Trello, Slack

PROJECTS

Data Analytics Intern | TGM Capital, UniSQ Industry Project | Feb 2024 – April 2024

- **Data Migration & ETL Development:** Migrated CSV data to a cloud database (**AWS/Azure**) and developed scalable **ETL** pipelines using Python for data cleaning and transformation.
- **Power BI Dashboard Creation:** Designed an interactive financial dashboard in Power BI for diverse users (Retail Traders, Portfolio Managers, Family Offices, Hedge Funds), featuring:
 - **Market Trend Visualization:** Column charts depicting AUS200 index PRE-RBA movements with color-coded bullish/bearish trends.
 - **Probability Metrics:** Color-coded probability cards showing likelihood of market movements in ASX 200 index and futures.
 - **Historical Market Analysis:** Insights on market responses to events like **PRE-RBA** for anticipating future behaviour.
 - **Event Impact Analysis:** Interactive slicers and stacked bar charts to analyse specific Australian market events (e.g., ANZAC Holiday, Budget Release).
- **Exploratory Data Analysis:** Conducted **EDA** and predicative analysis using **Python** to generate insights and forecast short-term market movements.
- **Tools and Technologies:** Python, Microsoft Power BI, Excel, Microsoft Azure SQL Database.

WORK EXPERIENCE

Mid-level Android Developer | *Prologic Solutions, Kathmandu, Nepal* | July 2020 – Nov 2022

- Developed 10+ Android applications using Java and Kotlin, focusing on performance, scalability, and user experience.
- **Key Projects:**
 - **Asset Management**: Built a financial tracking app for personal finance management, expense tracking, and report generation.
 - **Sahitya Post App**: Developed a multilingual digital library app with over 500+ downloads, featuring personalized book recommendations.
 - **MusicBazar - All one video, music**: Contributed to a media player app with over 1K+ downloads, adding features like playback control, playlist management, and video speed management.
 - **Little India Restaurant**: Created a food-ordering app for a restaurant, featuring a detailed menu, customization options, and real-time order tracking.

EDUCATION

Master of Data Science (Business Analyst)

University Of Southern Queensland, Toowoomba, QLD

Feb 2023 – Present (Finishing this December)

REFEREES

Academic Referee:

Name: Sanjib Tiwari (**Professor, UniSQ Toowoomba**)

Email: sanjib.tiwari@unisq.edu.au

Personal Referee:

Name: Prasan Ghimire (**Software Engineer, DIT AgTech**)

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