**MAYANK SINGH RAWAT**

Data Analyst/Business Analyst

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**PROFESSIONAL SUMMARY**

### Data Analyst with 1+ years of experience designing analytics solutions across the ****entire lifecycle****—from translating business needs into data requirements to delivering ****descriptive, diagnostic, and predictive**** insights. Proficient in ****SQL, Python, Power BI****, and statistical modelling, with expertise in ****data cleaning, integration, KPI tracking, and automation****. Adept at working with large, inconsistent datasets, building data models, and presenting actionable insights to business leaders. Passionate about leveraging data to optimize performance and enable informed decision-making.

### ****TECHNICAL SKILLS****

* **Programming & Querying**: SQL (Joins, CTEs, Window Functions, Optimization), Python (Pandas, NumPy, BeautifulSoup, Selenium, Regex, Matplotlib)
* **Visualization & BI**: Power BI (DAX, Data Modeling, Power Query, KPI Dashboards), Excel (VLOOKUP, Index Match, Pivot Tables)
* **Data Analysis & Statistics**: ETL, Data Cleaning, Data Wrangling, Hypothesis Testing, Clustering (K-Means), Forecasting, Churn Prediction, Statistical Modelling
* **Tools & Platforms**: Jupyter notebook, Visual Code, PostgreSQL, SQL Server, Azure (basic), Databricks (basic)
* **Other**: Data Governance, Automation, Business Requirement Translation

**EXPERIENCE**

**Junior Data Analyst (Data Management Associate)**  
*Kumon India & Sri Lanka – Delhi, India* **Mar 2022 – Mar 2023**

* Partnered with business teams to translate operational needs into **SQL-based analytics solutions**, improving decision-making across 79 centres.
* Automated weekly reporting pipeline using **SQL** and **Excel**, reducing processing time by **60%** and enabling faster KPI monitoring.
* Built and maintained **Power BI dashboards** to visualize 50K+ student records, providing descriptive and diagnostic insights to 20+ regional managers.
* Conducted data quality audits on **50K+ records**, ensuring accuracy for monthly and quarterly reports.
* Developed **forecasting models** with 85% accuracy to predict staffing and resource needs, improving operational efficiency.

**Customer Experience Salesfloor/ General Merchandise Associate**  
*Walmart Canada – London, ON* **May 2023 – Present**

* Resolved 20+ daily customer issues with effective communication and problem-solving, contributing to a high satisfaction environment.
* Ensured 95%+ accuracy in stock replenishment and shelf labeling, directly supporting inventory planning efforts.
* Maintained stock levels and organized displays with attention to detail and accuracy.
* Managed daily sales transactions with 99% accuracy, ensuring a seamless customer checkout experience.
* Strengthened teamwork and time management skills in a fast-paced retail environment.

**PROJECTS**

**Retail Sales Data Analysis** – Python, SQL, Power BI, Excel | [GitHub Link](https://github.com/mayank1800/Retail_Transaction_Analysis.git)

* Collected, cleaned, and modelled **90K+ retail transaction records** to uncover sales trends, customer segments, and churn patterns.
* Performed **RFM segmentation** and **K-Means clustering** on 50K+ customers to identify high-value segments for targeted marketing.
* Built predictive churn models (**Random Forest, Logistic Regression**), reducing prediction error by **12%**.
* Created **interactive Power BI dashboards** with DAX measures, KPI cards, and drill-through features to monitor performance.

**Canadian Job Market Intelligence Dashboard** – Web Scraping, Python, Power BI | [GitHub Link](https://github.com/mayank1800)

* Scraped and processed **2,500+ job postings** from Indeed using Python and Selenium for dynamic pages.
* Standardised 100+ job titles, normalised locations, removed **300+ duplicates**, and handled missing data to ensure dataset readiness.
* Designed a **Power BI dashboard** with drill-through, dynamic filters, and KPI tracking to identify top hiring companies, salary trends, and job distribution.

**EDUCATION**

**Data Analytics- Post Graduate Diploma May 2024 – Dec 2024** *Durham College, Oshawa, ON*

* Studied Data Analyzing tools (Python, SQL), Statistical Pred Modelling, Visualisations (Power BI)
* 3.5 GPA

**Business Analysis - Post Graduate Diploma**   **May 2023 – Dec 2023**

*Fanshawe College, London, ON*

* Studied Business Intelligence (Tableau), Project Management, and Advanced Communication.
* 3.6 GPA

**Bachelor of Commerce** **July 2018 – June 2021**

*Delhi University, Delhi, India*

* Studied Accounting, Taxation, and Economics.
* Maintained 3.4 GPA.