HARSHIL SHAH

Data Analyst & Reporting Analyst

Email: **harshilshah653@gmail.com**   Contact: **+1(289) 236-0752**

LinkedIn:**www.linkedin.com/in/iharshilshah**   Location: Toronto, Canada

📄 TECHNICAL SUMMARY:

- Experienced **Data Analyst** with over 2+ years of experience in **SQL** and **Python** for data manipulation, transformation, and statistical analysis.
- Proficient **Power BI** professional adept at leveraging its **comprehensive analytics** and **visualization tools** to unearth pivotal insights, significantly propelling data-driven strategies and improving business outcomes.
- Proficient in **SQL** for intricate **data extraction** and **analysis,** demonstrating proficiency in executing sophisticated **ETL** processes and optimizing queries for peak efficiency.
- Skilled in **Python**, employing libraries like **NumPy** and **Pandas** for extensive data manipulation, achieving marked improvements in data processing workflows and analytical efficiency.
- Expertise in analysing structured data records with **NumPy** and **Pandas**, generating actionable insights that have directly contributed to measurable enhancements in business operations.
- Skilled in **Tableau** to develop innovative data visualizations, crafting intuitive dashboards that translate complex datasets into accessible and influential business intelligence.
- Advanced user of **Excel,** mastering functionalities such as **VLOOKUP** and **Pivot Tables** to elevate data analysis and reporting capabilities, and automate repetitive tasks, by optimizing data organization strategies.
- Proficient in utilizing advanced **SSRS** features for customized report generation, including parameterized reports, **drill-down reports**, and subscription-based distributions
- Skilled in designing and implementing robust **SSIS** packages for data extraction, transformation, and loading **(ETL)**, optimizing data flow and enhancing data quality
- Proficient in **GitHub** for effective version control and collaborative project management, ensuring the maintenance of high-quality code repositories and fostering seamless team collaboration.
- Specialized in advanced **Power BI** applications, focusing on **data modelling** and **DAX** queries to refine data analysis and bolster decision-making accuracy.
- Adept in **VBA**, with a notable track record of automating Excel operations, enhancing process efficiency, and developing robust Excel Macros to simplify complex workflows, significantly boosting productivity.
- Expertise in designing and implementing **Key Performance Indicators (KPIs)** that have led to significant advancements in business efficiency, performance, and profitability.
- Experienced in utilizing **Power Query** for adept data extraction and transformation, applying strict data validation techniques to guarantee data integrity and accuracy.
- Actively engaged in **Agile** and **Scrum methodologies**, providing critical insights that streamline Reporting, Data Analytics, and Visualization projects, enhancing project delivery and team agility.

📜 EDUCATION & CERTIFICATIONS:

- **PG** Certification in Information Technology, Algoma University, Canada   Jan 2021 to Dec 2021
- **Bachelor** of Computer Science, Parul University, India   Jun 2016 to May 2020

SKILLS:

- Data Manipulation & Analysis   SQL, Python, NumPy, Pandas, Snowflake
- Data Visualization & Reporting   Tableau, Looker, Macros, Advanced Excel, VLOOKUP
- Version Control & Data Management   GitHub, Data Cleaning Techniques, ETL, SharePoint
- Advanced Business Intelligence   Power BI, DAX, Power Automate, Power Query
- Customer Relationship Management & Analysis   CRM Tools Integration and Analysis

WORK EXPERIENCE:

Data Analyst   **CGI, Canada**   **Nov 2021 – Present**

- Led detailed analyses of financial and customer data using SQL and Python, uncovering critical insights that significantly influenced business strategy and operational efficiency.
- Designed, developed, and maintained a comprehensive suite of Power BI dashboards, providing real-time visibility into financial metrics and significantly boosting data-driven decision-making across the organization.
- Facilitated in optimizing Data Management by implementing automated ETL techniques(end-to-end) using Python and its data
- KRIs and performing predictive analytics, resulting in increase in tracking the performance of the company and identifying risks efficiently, dashboards on Tableau for the strategy team related to their financial data about producing and consuming various
- financial and technical KPIs, defining the overall target costs, target savings, actual costs and actual savings, replacing the traditional method of creating weekly PowerPoint decks. It improved the tracking efficiency by
- Assisted in upgrading complex SQL queries to resolve discrepancies related to existing dashboards, Co-ordinated in creating Quarterly Basis Dashboard Report for Technology and Operations Department on Tableau identifying KPIs
- Worked on predictive analytics projects for risk analysis, identifying potential financial risks and implementing strategies to mitigate them, ensuring organizational stability and regulatory compliance.
- Actively participated in the assessment and selection of cutting-edge data analysis tools and software, leading to enhanced reporting capabilities and analytical efficiency across the company.
- Conducted comprehensive variance analysis on quarterly financial reports, pinpointing discrepancies, and providing senior management with actionable insights for performance optimization.
- Conducted data analysis and developed reports to improve strategic decision-making efficiency. Monitored performance metrics, identifying trends that have enhanced operational efficiency
- Implemented high standards of data quality by implementing rigorous validation and error-checking procedures, ensuring the accuracy and reliability of reports
- Specialized in crafting compelling Tableau visualizations, significantly enhancing stakeholder comprehension of intricate data sets and instrumental in delivering strategic presentations with measurable impact
- Assisted in creation of Data Driven Nudges, for Retail Advisory and Solutions department, connecting advisors with potential clients using Machine Learning models such as propensity models and tracking the progress of these nudges by creating a monitoring dashboard on Tableau. Statistics showed that advisors using these nudges are receiving higher commissions and the sales have hiked