**SHIVAM SEKHRI**

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**GitHub:** <https://github.com/shivamsekhri/data_analyst>

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# PROFILE

An aspiring data analyst with expertise in Python, SQL, and R capable of converting raw data into actionable insights. Proficient in crafting impactful visualizations and dynamic dashboards to unveil insightful trends. Currently exploring advanced techniques in Business Insights and Analytics at Humber Institute of Technology.

* Proficient in Python programming, particularly in the utilization of libraries such as Pandas, Matplotlib, and Seaborn for extensive data manipulation, statistical analysis, and advanced data visualizations.
* Achieved the [**Oracle Database SQL Certified Associate**](https://github.com/shivamsekhri/data_analyst/blob/main/Certifications/Certified_Oracle_SQL_Developer.png) certification, demonstrating adept proficiency in extracting and manipulating data through advanced SQL techniques.
* Strong foundation in statistical analysis, employing techniques such as hypothesis testing and regression analysis to derive actionable insights from data.

# SKILLS

* Proficient in Microsoft Office Applications (Excel, PowerPoint, Word).
* Skilled in reviewing code in Python, R and SQL.
* Experience in designing dashboards and visualizations using BI tools like Tableau, Cognos, and Power BI.
* Competent in leveraging GitHub for version control and collaborative software development.
* Adept in statistical analysis and data mining for insightful decision-making in diverse domains.
* Strong communication skills and ability to present findings to both technical and non-technical audience.

# EDUCATION

**Ontario graduate Certificate, Business Insights and Analytics**  **09/2022 – 08/2024**

*Humber College, Toronto, Ontario, Canada*

**Relevant Courses –** Quantitative Analysis, Data Analytic tools and Managerial Accounting and Finance

**Diploma, Computer Systems Technician- Software Support** **01/2016 – 04/2018**

*Mohawk Collage, Hamilton, Ontario, Canada*

**Relevant Courses –** Data Structure and Algorithms, Discrete Math, and Statistics and

Mathematics for Computer Science

# PROJECTS

[**Sales Data Analytics**](https://github.com/shivamsekhri/data_analyst/blob/main/SQL/sales_analysis.sql)

* Performed a comprehensive analysis of sales data using **Oracle SQL developer**.
* Executed more than **30 queries** to extract information about different products and customers.

[**Customer Churn Prediction**](https://github.com/shivamsekhri/data_analyst/blob/main/Python/bank_customer_churn_prediction.ipynb)

* Trained 4 Machine Learning models to predict customer churn using in-built python packages.
* Used techniques like Exhaustive search and Stepwise regression to find the best model.
* Predicted customer churn with an accuracy of **85 percent.**

[**House Sales Dashboard**](https://github.com/shivamsekhri/data_analyst/blob/main/Dashboards/Tableau/House%20Sales%20Dashboard.png)

* Created an appealing dashboard on **Tableau** to analyze house sales on different metrics including price, bedrooms, square lot size and square living size.
* Provided multiple filters with interactive visualizations that allow the users to change the scope of analysis.

[**Vehicle Fuel Economy Analysis**](https://github.com/shivamsekhri/data_analyst/blob/main/R/mpg%20and%20iris%20analysis.R)

* Used **R studio** to analyze fuel efficiency and performance of different car models.
* Built appealing [visualizations](https://github.com/shivamsekhri/data_analyst/blob/main/R/mpg%20and%20iris%20visualizations.docx) using **ggplot2** package to understand different aspects of data.

# WORK EXPERIENCE

**ERB transport (Dock Junior)** **02/2022 – Present**

* Identified and prioritize freight movement resulting **in 20 percent** reduction in late delivery fines.
* Displayed proficiency in **MS Office** by maintaining meticulous records and documenting all daily activities providing improved tracking of operations.
* Demonstrated multitasking skills by effectively coordinating with various departments resulting in turn around time by **30 percent**.

# REFERENCES AVAILABLE UPON REQUEST