SHUBHAM BISHNOI

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🔗 s-bishnoi.github.io/shubham-bishnoi/

TECHNICAL SKILLS

C, C++, R, Tableau, Python, SQL, Spark, PySpark, Hive, Oozie, PuTTy, MATLAB, QGIS, VBA, JIRA, SharePoint, Latex, Photoshop, Confluence

WORK EXPERIENCE

Business Insights and Analytics Associate 02/2021 – Current
TD Canada Trust Toronto, Ontario

- Utilizing SQL queries in Hive and PySpark to drive transformed big data in JupyterLab to a Tableau dashboard to give different line of businesses value for of the data analytics
- Performing testing of the solutions made to automate manual process by the Corporate Data & Analytics team

Data Analyst 09/2020 – 01/2021
Brookfield Asset Management Toronto, Ontario

- Established a variety of analytic and data driven objectives with the data analytics team of a gas distribution company in Bogota, Columbia.
- Worked on increasing efficiency of fraud detecting models using Python and SQL on BigQuery.

Data Scientist 09/2019 – 03/2020
Pinpoint Austin, Texas

- Remodeled an existing performance management metric by utilizing clustering techniques and data visualization in Jupyter Notebook and R
- Worked on JIRA tickets by testing code to find and fix bugs to get the Pinpoint Engineering Performance Management product ready for launch

Data Analyst 01/2019 – 04/2019
JANA Solutions Aurora, Ontario

- Worked with the engineering team for FortisBC (Natural Gas Company) on Risk-Based Optimized Infrastructure Assessment of 25 natural gas pipelines in Canada based on individual and societal risk of pipeline rupture
- Created a database from scratch for In-Line Inspection and migrated all the data from FortisBC Excel files to a SQL database for the company's future use

ABOUT ME

I'm team-oriented and person-centered: My personal approach, active listening, and communication style fosters strong relationships. Few things that interest me are working with big data, data visualization, A/B testing and working with databases.

EDUCATION

University of Waterloo, Statistics, Honours, Computer Science Minor, Co-operative Program, Class of 2020

PROJECTS

Experimental Design

A/B Testing and Hypothesis testing performed in R used to experiment with different features of the online streaming service to reduce the average browsing time.

Database Design

Entity Relation Diagram, Relational model, and SQL queries in SQLite, executed to create a database that could be used by people to do basic and advanced SQL queries. The database is in 3rd Normal form and most of the data was created manually.

Prediction Model

Feature Engineering, Generalized Linear Model, Random Forest Model, Deep Learning Model and Stacking in R using h2o library used to create a prediction model for happiness of people based on attributes given. The achieved accuracy was 80.81%.