SHUBHAM BISHNOI

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ABOUT ME

I'm a team-oriented and person-centered: My personal approach, active listening, and communication style fosters strong relationships. Few things that interest me are data visualization, A/B testing and working with databases. I am looking for a respectful and creative work environment and team that challenge me to achieve new goals. I aspire to teach Data Science and Ethics in the future.

EDUCATION

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

WORK EXPERIENCE

Data Analyst   09/2020 – Current

Brookfield Asset Management   Toronto, Ontario

- Analyzing large data sets using SQL on BigQuery in Google Cloud Platform
- Working on increasing efficiency of fraud detecting models
- Establishing a variety of analytic and data driven objectives for a Gas distribution company in Columbia

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
- Implemented a stand-up feature in Pinpoint dashboard, which could be used by Pinpoint in the future, during the Hackathon in Company Retreat
- 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 using SQL to the database for the company's future use
- Cleaned and pre-processed the data to identify the various errors that disrupted workflow of the Python code, possibly caused by the company's back end or in uploading the data

TECHNICAL SKILLS

C, C++, R, Tableau, Python, SQL, Spark, MATLAB, Kafka, MongoDB, Docker, QGIS, VBA, JIRA, SharePoint, Latex, Photoshop, Confluence

PROJECTS

Experimental Design

A/B Testing and Hypothesis testing 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 used 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 is original (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%.