

JUI SHAH

SOFTWARE DEVELOPER

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SKILLS

Programming: Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn), SQL, C++, DAX, HTML, CSS

Technologies: Power BI, Microsoft Azure (Databricks Notebooks, Data Factory), Jupyter Notebooks, Git, MySQL, IBM Db2 on Cloud

EXPERIENCE

IIROC

Data Analyst

Remote

May 2021 - Aug 2021

- Developed and tested Power BI dashboards/reports regarding Azure costs, CompuCom services, and Dealer Member details.
- Developed a Python script utilizing Azure SDK Python libraries and REST API to automate resource usage and data-loading from Azure.
- Led the development of a Power BI monthly report on CompuCom IT services, which is now being used by company executives.
- Provided training in Power BI fundamentals and direction on the maintenance of new monthly data.
- Parameterized the authentication process used in Azure Data Factory production pipelines to generate connectivity from Azure Keyvault resources to Sharepoint.

PROJECTS

Predicting Survival Outcomes of Titanic Passengers

Python, Pandas, Seaborn, Scikit-Learn (Decision Tree Classifier, Random Forest Classifier), Jupyter Notebooks



- Utilized a dataset from Kaggle to predict if a passenger onboard the Titanic would survive, using features such as age, sex, fare price etc.
- Performed data wrangling, EDA, trained and tested classifier models (Decision Tree, Random Forest) to a mean accuracy of 89.56 %.

Predicting House Prices in King County, Seattle, USA

Python, Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn (Linear Regression, Pipelines, Ridge Regression), Jupyter Notebooks



- Utilized a dataset from Kaggle to predict market prices of houses in King County, USA, using features such as square footage, floors, etc.
- Performed data wrangling, EDA, trained and tested the classifier model (Linear Regression), tuned the model, and created a pipeline.

Classifying Price Ranges of Cars

Python, Pandas, Matplotlib, Seaborn, Scikit-Learn (Random Forest Classifier), Jupyter Notebooks



- Utilized a dataset from Kaggle to classify the price ranges of cars, using features such as fuel type, engine size, number of cylinders etc.

AWARDS

Paul & Suzanne Koenderman Entrance Scholarship (\$1000) - Awarded to the most outstanding student entering first year in the Faculty of Engineering, with a preference for a female recipient.

EDUCATION

University of Waterloo

Waterloo, Canada

BASc in Software Engineering (Co-op)

Sep 2020 - Present

Courses in: Data Abstraction and Implementation, Linear Algebra, Statistics

Extracurriculars: WiCS Coach for Future Leaders Innovating to Go Higher in Technology Program, WiCS Club, SERVE Volleyball Club