Paulette Rodrigues

Product Analyst

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A Product Analyst who is a meticulous and creative problem solver. Experienced in healthcare and financial data where I cleaned, transformed, validated and identified trends in large datasets. A quick learner who adapts seamlessly to new challenges and goes the extra mile to learn the business processes to ensure bottom line success.

Skills

Python, SQL, Pandas, NumPy, NLTK, Beautiful Soup, TensorFlow, Seaborn, Plotly, Tableau, SSRS, Crystal Report, Scala, Statistical Modeling, Regression Models, Classification Models, Time Series Analysis, Neural Networks, Image Classification, Statistical Distributions, Bayesian Analysis, p-Values, Hypothesis Testing, Bayes Theorem, Excel, Google Colab, UNIX, Cobol, MongoDB

Soft Skills: Problem-solver, Adaptable, Dependable, Team player

Projects

Instacart Basket Analysis

Data Analyst | SQL | Machine Learning   Nov 2020 - Dec 2020

- Aggregate the relational data set into 1 row per product per customer, using SQLite.
- Implemented binary classification model to determine whether a customer would reorder a product on their next order.

Subreddit Comments Classifier

Data Analyst | Web Scraping | NLP   Oct 2020

- Compiled and tagged ~3K tweets from 2 different datasets provided at reddit.com.
- Classified the subreddit of each comment using NLP techniques.

Ames Housing Project

Data Analyst | Machine Learning   Sept 2020 – Oct 2020

- Developed a linear regression model to predict the housing price in Ames Iowa, using Kaggle data set.
- Determined the positive influence on the sale price of houses.

Professional Experience

Fitch Solutions | New York, NY

Senior Quality Analyst   Jul 2016 - Aug 2020

- Mentored and supervised staff to ensure timely delivery of quality products
- Created complex SQL and MongoDB queries, UNIX scripts, and Excel macros to complete full load testing for all databases, validating all data elements
- Conducted training session with up to 10 peers and new hires; created Confluence Pages documenting key functions and test scenarios including edge cases to ensure full test coverage

Finra | New York, NY
Consultant - Quality Analyst   May 2013 –Jul 2016
- Performed all aspects of the quality control phase for the testing of Big Data Analytics using PL SQL, IntelliJ IDEA and HP Quality Center
- Verified the programmer's PL SQL code and the Functional requirements were in sync and provided feedback regarding incomplete or unverifiable logic/requirements
- Communicated project status, issues, and project plan to management and project team in adherence to an Agile Scrum Methodology
- Validated the Cross-Market Model Database, which was created from transforming data from several different exchanges

Universal Health Care | St Petersburg, FL
Data Analyst   Sep 2011 – Apr 2013
- Developed and maintained reporting solutions using stored procedures, user defined functions, views, SSRS Reports, and SSIS ETL solution
- Converted Data from an OLAP Database to QNXT (new claims adjudication system) using SSMS 2008, SSIS 2008, and Access 2007, created and executed SQL scripts and ETL packages for the scrubbing of data for the conversion process
- Investigated data discrepancy and recommended and implemented solutions to rectify the issues

Education

General Assembly | Remote
Data Science Immersive Student, September 2020 - December 2020
12-week full-time immersive educational program strengthening Data Science skills including: Python, SQL, data cleaning, data visualization, regression models, classification models, web-scraping, APIs, NLP, advanced supervised learning, unsupervised learning, time series analysis, and statistics.

University of West Indies | St Augustine, Trinidad W. I.
BS, Computer Science, Minor in Mathematics

Certifications

Microsoft SQL Server Developer 2008 Certification

SetFocus, LLC | Remote
SQL Master's Program, November 2010 - December 2010

Fellow of Life Management Institute (FLMI) designation