ALIM MEMON

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Data Scientist with a passion for building data-driven narratives that distill complex information into clear, compelling, and actionable insights. A continuous learner with practical experience on both the front and backend. Capable of working independently and collaboratively with diverse teams with excellent attention to detail in complex and uncertain environments. Committed to ethical, socially conscious work, and looking for a position in Data Science or other.

PROFESSIONAL EXPERIENCE

JOHNSON & JOHNSON, New Brunswick, NJ   March 2021 – Present
Data Analyst (Global Business Services - Procurement Team)
- Classify spend data related to commodities with high accuracy based on different procurement categories, with a primary focus on consulting for the North America region.
- Global responsibility to analyze, generate, and maintain monthly spend reports for J&J's procurement team for effective budgeting forecasts and decision making.
- Identify opportunities to enhance monthly spend reports to alleviate risks associated with manual errors and misclassifications.
- Present outcomes of monthly spend analytics to senior management monthly.
- Collaborate with leaders of different regions to streamline processes related to the global spend dashboard.

SOFTECH, Avenel, NJ   December 2014 – Present
Founder, Technician
- Identified a lack of adequate resources in my community for on-demand computer technicians and founded Softech to provide support at little to no cost to clients.
- Analyze computers to detect the cause for malfunction and troubleshoot them to find a solution by using multiple techniques such as operating system restore.
- Eliminate malware and clean up disks using utility toolkits to optimize computer performance and speed throughout use.
- Install client utility software including Adobe Visual Studio Code, Adobe Photoshop, and others.

PROJECTS

LYME VECTOR DISEASE
(https://lyme-vector-research.herokuapp.com/)
- Created processes and workflows to web scrape the New Jersey weather data for the last 5 decades using Selenium, BeautifulSoup, and Chrome Driver. Normalized large set of data using Python Pandas and NumPy and created 17 different tables in a SQL project database. Analyzed and interpreted the data for visualizations, used Chart.js to graphically depict Lyme Disease cases per 100k people in New Jersey, and predicted mast years.

UBER IN THE GREATER METROPOLITAN AREA
(https://github.com/iliveonit/Uber_Rides_Analysis)
- Collected CSV files to analyze and interpret ridership statistics. Used pie and bar charts to visualize ridership in New York to create a heat map using Gmap.

BREAST CANCER CASE STUDY – MACHINE LEARNING
(https://github.com/alimmemon/ML-Breast-Cancer-Case-Study)
- Utilized machine learning techniques (Super Vector Machine) to classify tumors into malignant and benign with 96% accuracy without any deep learning or feature detection. Used Scikit-learn to test and predict results from a dataset. Used Seaborn to visually represent the correlation among 30 different factors.

EDUCATION

RUTGERS UNIVERSITY, New Brunswick, NJ   May 2021
Bachelor of Arts in Information Technology and Informatics
Minor in Critical Intelligence Studies
- Major GPA: 3.76
- Honors: Dean's List, John Dempsey Memorial Scholarship, Woodbridge Rotary Scholarship Recipient

RUTGERS UNIVERSITY, New Brunswick, NJ   August 2020
Data Science Bootcamp Certification
- A 24-week intensive program focused on technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data Analytics, and Machine Learning.

Leadership

Alliance for Diverse Abilities at Johnson & Johnson

Educational Opportunity Program at Rutgers University – Ambassador, Mentor, & Guest Speaker

Paralympic Sports in Central NJ – Captain & Defenseman

Skills

Analytical Thinker

Collaborative

Strong Leader And Agile Learner

Ability to Manage Priorities and Work Under Pressure

Researcher and Problem Solver

Team Player

Programming/Software/RDBMS

- Python
- R
- Machine Learning
- TensorFlow Keras
- Amazon Web Services
- Excel
- SQL
- Transform & Load
- MongoDB
- JavaScript
- JSON
- GitHub (Git)
- SQLWorkbench
- Microsoft Teams
- Project Professional
- Alteryx
- CSS
- PostgreSQL
- SQLite
- MySQL
- AmazonRDS
- Microsoft Access
- RStudio
- Tableau
- SPSS
- SAS
- Google Collab
- Visual Studio Code
- XCode
- HTML5

Data Science

- Engineering
- Mining
- Intuition
- Communication
- Wrangling
- Management
- Visualization

Languages

- English
- Urdu
- Hindi
- Sindhi