

Jibin Madayil John

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OBJECTIVE

As a soon-to-be graduate with a strong foundation in data analytics, I am excited to apply my knowledge and passion for transforming raw data into actionable insights. I am actively seeking entry-level opportunities where I can contribute my technical skills, learn from experienced professionals, and make a positive impact

EDUCATION

Lambton College

April 2024

PGD Big Data Analytics

GPA: 3.57/4.0

Coursework Courses: Big Data Tools, NoSQL Database, Python Programming, Big Data Visualization, Big Data

Algorithm and Statistics

Awards: Dean's Honor List(x2)

Osmania University

August 2021

Bachelor's in Mathematics, Statistics and Computer Science

GPA: 3.48/4.0

SKILLS

Technical Skills: Python, SQL, NoSQL, Hadoop, Hive, SQL Server, MySQL, MongoDB, Git, AWS Quicksight, Microsoft PowerBI, Tableau, Microsoft Excel

Soft Skills: Collaboration, Critical Thinking, Creativity, Communication, Leadership, Adaptability, Time Management, Resourcefulness, Decision-making

PROJECTS

Breast Cancer Prediction

- Developed a machine learning model to classify breast cancer tumors as malignant or benign based on features extracted from biopsy images
- Implemented logistic regression, decision tree, and random forest algorithms to train and evaluate the model
- Achieved accuracy rates of 95.61% with logistic regression, 92.11% with decision tree, and 94.74% with random forest on the test set
- Utilized Python libraries including pandas, scikit-learn, matplotlib, and seaborn for data preprocessing, model building, evaluation, and visualization

Auto Theft Analysis

- Conducted comprehensive data cleaning and preprocessing, reducing duplicates by 9% utilizing Python libraries such as pandas, seaborn, matplotlib for efficient data manipulation and quality assurance
- Analyzed trends in theft incidents, revealing a 220.15% increase from 2018 to 2023
- Visualized theft incident distribution by police division, identifying hotspots
- Generated interactive heatmaps to visualize theft incident density across neighborhoods

Covid Data Analysis

- Utilized SQL expertise to analyze extensive COVID-19 data, generating vital insights such as a global death percentage of 2.11% out of 150,574,977 reported cases
- Developed views and temporary tables to streamline data analysis processes, facilitating efficient calculation of infection rates, death percentages, and population vaccination rates
- Visualized data trends effectively using Tableau, presenting continental death counts and forecast indicators for key countries like China, India, Mexico, the United Kingdom, and the United States
- Contributed significantly to optimizing database performance and ensuring data integrity through SQL query optimization and meticulous database maintenance tasks

Amazon Sales Analysis

- Utilized Power BI to create an interactive Amazon Dashboard showcasing vital metrics and data visualizations
- Highlighted key sales metrics including \$89.08M in revenue, 120K units sold, 2M returns, and 4M reviews
- Presented sales trends through a 'Units Sold by Month' graph, featuring figures like 35K for March and 46K for April
- Enabled tooltips for deeper data comprehension and analysis