RIZWAN V Y

Business Analyst | Data Analyst

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LINKS

Portfolio Website: //rizwanvy_portfolio

Linkedin: //linkedin.com/in/rizwan-vy

Github: //github.com/rizwan-vy

Tableau: //public.tableau.com/rizwan.vy

SKILLS

- Data Analysis • Data Visualization
- Business Intelligence • Big Data
- Database Management • ETL
- Project Management
- Communication

Tools & Technologies:

- Microsoft Excel • Python • SQL-MySQL
- Power BI • Tableau • AWS • Linux
- Hadoop • Spark • Hive • Airflow
- Web Scraping • Git and Github

EDUCATION

BACHELOR OF BUSINESS ADMINITRATION

Human Resource Management

UNIVERSITY OF CALICUT

Nirmala College of Arts and Science
Chalakudy, Kerala | 2018 - 2021

BIG DATA ANALYTICS

National Council for Technology
and Training **NACTET**

Expertzlab Technologies, Ernakulam
August 2022 - May 2023

COURSEWORK

Data Analytics Essentials | **CISCO**
   Data Analytics and Visualization
   SQL   Microsoft Excel   Tableau

Applied Data Science with Python|**IBM**
   Python for Data Science
   Data Analysis with Python
   Data Visualization with Python

Certification In Advanced Excel
G-Tec Computer Education |
Irinjalakuda |Kerala

EXPERIENCE

GOFREELAB TECHNOLOGIES | INTERNSHIP
August 2023 – Present | Ernakulam, Kerala
Online Exam Proctoring Web Application

- Developed **real-time webcam video** and **audio** fetching functionality using **Python, WebRTC** and **Streamlit**.
- Deployed solution on **AWS EC2** for public access, enabling users to stream video to the application.
- Implemented face detection feature using Python's OpenCV library for demo purposes, processing video streams in real-time.

PROJECT

Data Engineering and Analysis using Big Data Technologies

- Developed and implemented a **data pipeline** for Extracting, Transforming, and Loading - **ETL** sales data, leveraging Big data technologies such as **HDFS, Hive** and **Spark** with **Spark SQL**.
- Automated the entire ETL process using **Apache Airflow**.
- Created an interactive **sales dashboard** in **Power BI**.

HR Data Analytics and Visualization

- Conducted in-depth analysis of HR data to extract actionable insight.
- Utilized **Python** and **Python libraries** such as **Pandas, Matplotlib** and **Seaborn** for data cleaning and processing and to create informative visualizations.
- Transformed project results into an interactive **Power BI dashboard**

Sentiment Analysis of Tweets using Python

- Analyzed public sentiment on Twitter regarding specific keywords through sentiment analysis.
- Employed **Python** scripts leveraging **Tweepy** for data extraction and Twitter API authentication to retrieve tweets based on user-defined keywords.
- Utilized **Text Blob** library for sentiment analysis, categorizing tweets into Positive, Negative, and Neutral based on polarity scores, and visualized results with informative bar charts and word clouds.

VIRTUAL INTERNSHIP

British Airways Virtual Experience Program | August 2023

- **Extracted data** from the **Skytrax website** using **Python**-based **web scraping** techniques to gather insights into British Airways.
- Conducted **sentiment analysis** on customer reviews to assess the overall sentiment towards British Airways.
- Visualized sentiment analysis results through **bar charts** and **word clouds**, highlighting key themes in customer feedback for better understanding.