

RIZWAN V Y

DATA ENGINEER | DATA ANALYST

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SKILLS

Programming | Data Analysis: • SQL – MySQL • Python • Microsoft Excel

Data Visualization: • Power BI • Tableau

Big Data Technologies: • Hadoop • Hive • Airflow • Kafka • Spark – PySpark, Spark SQL

Others: • Web Scraping • Linux • Git and GitHub

EXPERIENCE

GOFREELAB TECHNOLOGIES | INTERNSHIP

May 2023 – Present

Data Engineering Project: Sales Data Analysis and Automation [↗](#)

Data Engineering | ETL Data Pipeline | Data Analysis | Apache Hadoop | Apache Hive | Apache Spark | Spark SQL | Apache Airflow | Automation | Data Visualization | Power BI

- Developed and implemented a data pipeline to Extract, Transform and Load sales data from HDFS to Hive using Apache Spark – Spark SQL
- Automated the entire data pipeline or ETL Process using Apache Airflow
- Created an interactive sales dashboard in Power BI to visualize key sales metrics and trends

PROJECTS

Sentiment Analysis of Twitter Data using Python [↗](#)

Python | Python Libraries: Tweepy API, Text Blob | Data Extraction | Data Cleaning and Preprocessing | Sentiment Analysis | Data Visualization

Conducted Sentiment Analysis on Twitter data to access public sentiment regarding user-defined keywords

- Developed a Python scripts utilizing Tweepy library for data extraction, authentication with Twitter API and tweets retrieval based on user defined keywords
- Utilized the Text Blob library for sentiment analysis, categorizing tweets into Positive, Negative and Neutral tweets based on polarity score
- Generated informative visualization using Python libraries like Bar charts and Word cloud

HR Data Analytics and Visualization [↗](#)

Python | Python Libraries: Pandas, Matplotlib, Seaborn | Data cleaning and Preprocessing | Statistical Analysis | Data Visualization | Power BI

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

VIRTUAL INTERNSHIP

British Airways Virtual Experience Program [↗](#)

August 2023

Python | Web Scraping | Data Extraction | Data Cleaning | Sentiment Analysis | Data Visualization

- Data Extraction using Web Scraping to gain company insight
- Scraped and Analysed customers reviews from **Skytrax Website** to uncover findings for **British Airways**

EDUCATION

BIG DATA ANALYTICS | National Council for Technology and Training – **NACTET**
Expertzlab Technologies, Ernakulam, Kerala

August 2022 | May 2023

BACHELOR OF BUSINESS ADMINISTRATION | **UNIVERSITY OF CALICUT**
Nirmala College of Arts and Science, Chalakudy, Kerala

2018 - 2021

COURSEWORK

Data Analytics Essentials by **CISCO**

Data Analytics and Visualization | SQL | Microsoft Excel | Tableau

Applied Data Science with Python by **IBM**

Python for Data Science | Data Analysis and Data Visualization with Python

Certification In Advanced Excel

G-Tec Computer Education | Irinjalakuda, kerala