

RIZWAN VY

Data Engineer | Data Analyst

rizwanyoosaf37@gmail.com

Linkedin

Portfolio_Website

Github

+91 8129831464

SKILLS

- Data Engineering • Data Analytics • Big Data • ETL Process • Data Extraction and Transformation • Data Cleaning
- Big Data Technologies: Apache Hadoop | Apache Hive | Apache Spark - PySpark, Spark SQL | Apache Airflow
- Database Management: SQL | MySQL • Data Visualization | Dashboard Creation: Power BI • Linux | Ubuntu
- Python, Pandas • Microsoft Excel • Web Scraping • Git and Github • AWS - Amazon Web Service

EXPERIENCE

Python Internship | Gofreelab Technology

Ernakulam, Kerala | November 2023 - April 2024

- Collaborated with a team to develop an **Online Exam Proctoring Web Application** using **Python**.
- Developed **real-time data** (webcam video and audio) fetching functionality using **Python** and **WebRTC**
- Deployed the solution on Cloud **Amazon Web service AWS EC2** for public access.

PROJECTS

Data Engineering and Analysis Project Using Big Data Technologies ([Link](#))

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

Data Collection, Cleaning, Storing and Analysis Project ([Link](#))

British Airways Virtual Experience Program

- Developed a **web scraping** script using **Python** to collect 3790 customer reviews from Skytrax website.
- **Cleaned** and preprocessed data using **Pandas**, and Performed sentiment analysis using **TextBlob**.
- **Stored** the processed data efficiently in a **MySQL database** for further analysis and retrieval.
- Conducted **data analysis** and **visualization** using **Python** to derive actionable insights from the collected data.

Employee Data Analytics and Visualization Using Python and Power BI ([Link](#))

- Conducted in-depth analysis of HR data/Employee 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. Presented findings in an interactive **Power BI dashboard**.

Sentiment Analysis of Twitter Data Using Python ([Link](#))

- Analysed public sentiment on **Twitter** regarding specific keywords through **sentiment analysis**.
- Developed a **Python** scripts leveraging **Tweepy** for **data extraction** and **Text Blob** for **sentiment analysis**
- **Visualized** results with informative bar charts and Word clouds.

EDUCATION

Diploma in Big Data Analytics | Expertzlab Technology

Ernakulam, Kerala | August 2022 - May 2023

Bachelor of Business Administration

2018 – 2021

University of Calicut | Nirmala College of Arts and Science

Chalaky | Kerala

COURSEWORK & CERTIFICATIONS ([Link](#))

Data Analytics Essentials CISCO | Applied Data Science with Python IBM | Certification in Advanced Excel – G Tec Career Essentials in Business Analysis Microsoft and LinkedIn