RATAN SINGH

Address:
Vikhroli – west, Mumbai.
Phone:
+91 9967912685
Email:
ratans593@gmail.com

Summary

Strong professional and technical skill with master's degree in IT. Currently working as Data Analyst in Pharmeasy. Well acquainted with database, data management and processing system, skilled in SQL Python, Tableau and AWS. Strong desire to move forward, face new challenges and expand my skill.

Skill Highlights

- Python Programming
- Data Visualization
- AWS Service
- Tableau
- PostgreSQL and MongoDB
- Microsoft office
- Microsoft SQL Server

Experience

Data Engineer at Digihealth from (07/21 to 03/23)-Mumbai.

- Worked with various AWS services such as EC2, S3, CloudWatch, Lambda.
- Used statistical method to generate useful business reports.
- Used visualization tool s to effectively communicate business insights.
- Develop tables, views, materialized views, table indexes, along with query optimization using SQL.
- Experience in multiple databases like PostgreSQL and MongoDB
- Create Various Excel documents to assist with pulling metrics data.
  And presenting information to stakeholders for concise explanation of best placement
  for needed resource
- Strong proficiency with SQL and its variation amongst popular databases.
- Working closely with other departments and implementing architectural changes in Databases.
- Understanding the requirement and writing the queries for regularity reporting.
- Hands on experience of Microsoft Office (Word, Excel, PowerPoint).
- End-to-end database migration using Microsoft SQL server and PostgreSQL.
- Automation of files for process driven activities using Python.

Data Analyst - 03/2023 to present **Pharmeasy**

- Designed and built dashboards for use in monitoring performance metrics while maintaining existing dashboards for accuracy and efficiency and incorporating changes using Tableau.

- Used advanced chart visualizations in Tableau such as dual axis, box plots, bullet graphs, tree maps, bubble charts, and waterfall charts to solve complex problems and to create interactive dashboards and visualizations.
- Developed and reviewed simultaneous SQL queries in Tableau Desktop to validate both static and dynamic data for data validation.
- Conducted data analysis, performed business-analysis tasks (such as creating project plans), received data and records in multiple formats, and worked on performance-turning to help in comprehending joins and data distribution.
- Created different KPI using calculated key figures and parameter.
- Provided Production support to Tableau users and wrote custom SQL to support business requirements.
- Worked with Jenkins and GitHub during automated deployments.
- Used Airflow for orchestration and scheduling of the ingestion scripts.
- Build data pipeline in airflow for ETL related jobs.

Education

Masters in information technology - 2021
Thakur College of Science and commerce, Mumbai

Bachelors in information technology - 2017
SM Shetty College of Science and commerce, Mumbai

Certifications

TCS NQT SCORE: 1005.48/1800
SQL complete bootcamp: Udemy
MATLAB Onramp: MathWorks
Master in Microsoft power bi desktop and service: Udemy

Projects

- **STOCK PRICE PREDICTION Using Python and Machine learning**, M.Sc.I.T

- **TEXT TO SPEECH & SPEECH TO TEXT** Android **App**, B.Sc.I.T.

Publication

Citation:
Upadhyay Anand, Singh Ratan, Dhonde omkar. (2020) Random Forest Based Classification of Seagrass Habitat

- Published our research paper in international journal named Taylor and Francis.
- Using Machine learning algorithms and different feature scaling techniques we have successfully completed and presented our work in the conference of publication.
- Technology used – Python and Machine Learning.