Rahul Sehrawat

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Summary

Compassionate, dedicated, and results-driven Business Analyst with 4 years of experience in analyzing business requirements, identifying opportunities for improvement, and delivering solutions that align with organizational goals. Known for strengths in assessing data reliability and creating meaningful reports.

Skills

Python, R, Data Visualization, Statistical Analysis, Machine Learning, Natural Language Processing, Data Analytics, SQL, Tableau, Data Analysis Skills, Google Cloud Platform, Power BI, Microsoft excel, Business analysis

Education

Swansea Univeristy | Swansea City, Swansea/Abertawe
Msc Data Science | 09/2023
- Achieved academic excellence by graduating with distinction, showcasing a strong commitment to excellence in data science.
- Successfully concluded coursework in computer science, robotics, and statistics, showcasing a comprehensive skill set in diverse areas of technology and quantitative analysis.
- Prominent coursework :Object Recognition
- In this, I used the CFIR-10 dataset of 10000 images for training your model and the other 1000 images to evaluate. The dataset contains 10 labels, each label having a different class of images in RGB format. For this dataset, I have used three Machine learning techniques SVM, ANN, and finally CNN. For dimensionality reduction, I implemented PCA getting an accuracy of 58 %

Purdue University | New Delhi, Delhi
PGP- Data Science | 12/2020
- Completed Courses in computer Science, Statistics, and Natural Language Processing.
- Did a 4-week Capstone Project in Real Estate.
- Graduated summa cum laude—3.7+ GPA

Dronacharya College Of Engineering | Gurgaon, Haryana
B.Tech Information Technology | 05/2016
Research Paper
1. "Grid Computing: An Overview"
2. "Hardware Developments for Image Processing And Its Application On Cryptography"
3. "Reverse Address Resolution Protocol (RARP)"
4. "Basic of Artificial Neural Network"

Experience

Paytm | New Delhi, Delhi
Business Analyst | 09/2021 - 09/2022
- Collaborated with the marketing department to create a new advertising campaign that resulted in a 13% increase in sales
- Created multiple views on Google Data Studio to give timely insights to stakeholders.
- Designed and implemented a project management methodology that increased customer retention.
- Spearheaded the development and implementation of a data automation framework using BigQuery, Excel, and Python, resulting in a 30% reduction in manual report generation time and improved data accuracy.
- Performed complex SQL queries to extract data from the database
- Developed a Propensity Model that resulted in an 11% increase in reactivating dormant customers.
- Repurposed existing data sets to incorporate new features and analytics, expanding the use of analytics across the organization

TCIEXPRESS | New Delhi, Delhi
Business Analyst | 12/2020 - 07/2021

- Data Conversion, and Derived column in different environments.
- Experience in creating calculated fields, Table calculations LOD expressions, Actions, Filters, and parameters.
- Dashboards: Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables.
- Extracted, interpreted, and analyzed data to identify key metrics, transforming raw data into actionable information
- Worked closely with business power users to create reports/dashboards using tableau desktop.
- Blended data from multiple databases into one report by selecting primary keys from each database for data validation.
- Conducted cluster analysis to generate segmented profiles of customers.

Tulip Technologies Pvt Ltd | Noida, Uttar Pradesh
Data Analyst | 11/2018 - 12/2020

- Analyze productivity and profitability, and make suggestions for increased efficiency/revenue.
- Validate data through technological programs, including Python, R, and Excel.
- Use statistical techniques for hypothesis testing.
- Use of machine learning to build a model to evaluate clients' performance.
- Acquiring data from primary or secondary data sources and maintaining databases.
- Developing and implementing data analyses, data collection systems, and other strategies that optimize statistical efficiency and quality
- Developed an algorithm in Python that automated financial forecasting.

Bharat Connect Technologies Pvt Ltd | New Delhi, Delhi
QA Engineer Intern | 01/2016 - 06/2016

- Participate in the full lifecycle of development for the company web applications.
- Reviewing quality specifications and technical design documents to provide timely and meaningful feedback.
- Creating detailed, comprehensive, and well-structured test plans and test cases.
- Estimating, prioritizing, planning, and coordinating quality testing activities.
- Built sustainable relationships of trust through open and interactive communication.
- Offered support and solutions to customers.

Certifications

- Natural Language Processing
- Tableau Desktop 10
- Machine Learning

Social Links

- https://github.com/rsehrawat75
- https://www.linkedin.com/in/rahul-sehrawat-0927a9118/
- https://medium.com/@rsehrawat75
- https://public.tableau.com/app/profile/rahul.sehrawat

Languages

English, Hindi