

ROHIT

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<https://github.com/ROHIT-ROHIT-T>

SKILLS

- Specialization in data analytics domain
- Ability to formulate effective and efficient solutions for problems
- Extensive hands-on technical experience
- Demonstrated capability of efficiently leading and working in a team
- Motivated to learn new skills and enhance existing skillsets

TECHNICAL SKILLS

- Language: Python (Pandas, NumPy, Seaborn, Matplotlib, Sklearn, TensorFlow), SQL, R, DBMS, LaTeX, SQL
- Software: Microsoft Excel, Tableau, Power BI, Tora, Mathematica, Microsoft Word
- Platform: Google Cloud Platform (GCP), Microsoft Azure

WORK EXPERIENCE

Reporting Analyst

Aug 2021 – Present

Holiday Inn Express, ON, Canada

- Maintain, and generate detailed guests reports in Excel and present to the manager
- Performed complex analyses of developmental, financial, and organizational data
- Provide pricing expertise and support for new and existing customers
- Understand data mapping and data flow within the supported systems
- Elicit, analyze, document, and validate functional and technical requirements, inputs, and outputs to support business reporting
- Develop and maintain technical documentation, including technical support procedures and reference materials
- Forecasting revenue and upcoming bookings, using Excel, based on market trends, and profit margins
- Communicate upcoming reservations and any special requests, or special accommodations to front of house team
- Takes ownership of guest concerns and requests and acts decisively to ensure guest satisfaction

Internship: Data Analyst

Feb 2021 – June 2021

SK DENT INDIA, New Delhi, India

- Learned statistical concepts for data science environment in python
- Data preparation, analysis, and interpretation in relation to organization's demand
- Calculated different time series components such as, trend, cyclicity and seasonality
- Managed Companies' product inventory, using ABC Analysis, after analyzing cost and feature importance
- Performed Descriptive and predictive analytics, in Excel and SPSS, use data which is pertinent to the company and forecasted the year 2022 demand based on the last 5 years dataset.
- Evaluated different Key Performance Indexes (KPI) to measure models' performances and found a min RMSE (root mean square error) value is 4.98
- Developed procurement model, using Excel, for different dental products manufactured by company
- Created Power BI dashboard to present time series components of the company sales data

EDUCATION

Data Analytics for Business

May 2021 - Aug 2022

St. Clair College, Windsor, Ontario

- Relevant coursework: analytics tools and decision making, data visualization and reporting, machine learning, statistics, data ethics, marketing analytics, finance analytics, project management

Masters of Operational Research

Jun 2019 - May 2021

University of Delhi, New Delhi, India

- Relevant coursework: data warehousing and data mining, statistics, inventory management, linear programming and extension, decision theory, supply chain management, econometrics, queuing systems, healthcare management, reliability theory, econometric modeling, and forecasting

Bachelor of Science in Mathematics, Computer Science and Operational Research

Aug 2016 - May 2019

University of Delhi, New Delhi, India

- Relevant coursework: calculus and geometry, algebra, optimization techniques, real analysis, statistical software

ACADEMIC PROJECT**Brain-Computer Interface to detect Epilepsy**

May 2022 - Aug 2022

NURO CORP., Canada

- Formulated business problem, analytical goals, and research with attention to detail and morality that protects privacy and maintains dignity to all involved
- Fetched the emotional sensitivity dataset from GCP that is accumulated from different sensors used in the organization and analyzed, organized, and manipulated data using python and excel to solve the problem, business decision-making, and opportunity identification
- Applied AutoML, using PyCaret and selected the best classification model based on the different evaluation matrices (Accuracy, Confusion matrices, AUC-ROC curve, F1 and kappa score) and increased accuracy by 5 %
- The scope of this project was to make a machine learning model which helps to detect any abnormal activity in the brain based on different emotions

Heart Disease Prediction

Feb 2021 - Apr 2021

- Performed Data Analysis, Cleaning, Manipulation of Heart disease dataset using python
- Created correlation matrix to analyze the relationship between different attributes and the target variable.
- Implemented ML techniques, and used different evaluation matrices to measure models' performance, the best model was Support Vector machine (SVM) with 92.11 % accuracy
- Created Streamlit web application to classify whether patient is suffering from heart disease or not.

Banking Credit Risk Analytics

Jun 2021 - Oct 2021

- The goal was to decrease the loan default rate of the bank to increase profitability
- Performed Exploratory Data Analysis (EDA) using python and explored univariate and bivariate analysis
- Applied different Ensemble machine learning techniques, and based on the evaluation matrix (ROC-AUC), the best model was Logistic regression with 82.8 % accuracy
- Prepare and communicate complex materials verbally, in writing, and digitally for a variety of audience, purposes, and levels of detail

CERTIFICATES AND EXTRA-CURRICULAR ACTIVITIES

- Conducted interview in video format about lives of peoples in Old Age Home in October 2016
- Volunteer at publication at Sant Nirankari Mission as an accountant
- Machine Learning Stanford Online course from Coursera
- Tableau Essential Training from LinkedIn
- Microsoft Project 2019 and project online desktop from LinkedIn
- Project Management Simplified from LinkedIn
- Cloud Computing for everyone from data camp