



Syed Rizwan

Data Analyst, Data Science Intern

Motivated, team-work oriented and an entry-level data enthusiast passionate about helping businesses to succeed. Well-versed in using Machine Learning models and Analytical techniques to identify the fine points of data.



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SKILLS

Python

SQL

Tableau

Machine Learning

Exploratory Data
Analysis

Linear Regression

Logistic Regression

Hierarchical Clustering

Ensemble

Naive Bayes

K-Nearest Neighbor

K-Means Clustering

Text Mining

Descriptive Statistics

Hypothesis Testing

ANOVA

Principal Component
Analysis

PERSONAL PROJECTS

Online retail Orders Analysis (05/2021 - 05/2021)

- This project is based on the order management functionality of an online retail store in which you are provided with the "orders" database and you are asked some queries related to it.
- Answers to these queries will help the company in making data-driven decisions that will impact the overall growth of the online retail store.
- Skills: Joins, Sub Queries, SQL-clauses-statements-conditions, SQLite using DB Browser and MySQL Workbench

Election Exit Poll Prediction and U.S.A Presidential Speech Analysis using Machine Learning (02/2021 - 03/2021)

- This project is based on 2 case-studies. The first project is to predict which party a citizen is going to vote for on the basis of their age and according to the answers given by the citizens to the questions asked in a survey conducted. The second project is based on the analysis of the inaugural U.S.A. Presidential speeches. One has to draw inferences based on the analysis done on these speeches.
- Skills Used: Ensemble Techniques, Text mining

Gems and Holiday Package Prediction (01/2021 - 01/2021)

- This project is based on 2 cases studies: Gems Price Prediction and Holiday Package prediction. In the first case study, concepts of linear regression are tested and it is expected from the learner to predict the price of gems based on multiple variables to help company maximize profits. In the second case, concepts of logistic regression and linear discriminant analysis are tested. One has to predict if the customer will purchase the holiday package to target the relevant customer base.
- Skills Used: Linear Regression, Logistic Regression, Linear Discriminant Analysis

Bank Customer Segmentation and Insurance Claim Prediction (11/2020 - 12/2020)

- The project involved drawing inferences from 2 case studies, namely - Bank Marketing & Insurance. The concepts of Clustering, CART, Random Forest, and Artificial Neural Network are used to draw inferences from these case studies. Various performance metrics have been used to validate the performance of predictions on Test & Train sets.
- Skills Used: Clustering, CART, Random Forest

WORK EXPERIENCE

Intern

The Spark Foundation

05/2021 - Present

Tasks:

- Experience in Python and its libraries (Numpy and Pandas) to import and clean the dataset.
- Performed Exploratory Data Analysis using Python including Data Imputation, outlier handling, cross validation and data visualization.
- Performed Data Visualization using seaborn and matplotlib to get the better insights of the data.
- Experience with supervised and unsupervised learning models like Linear Regression, Clustering, Decision Trees to build the model.
- Experience in Tableau to create different types of dashboard and storyboard and gave useful recommendations.

Assistant Professor

Zeal College of Engineering and Research

01/2020 - 04/2020

Pune

Tasks:

- Tutored Product Design and Development to the student body of 70-80 students.
- Assisted fellow professors with organizing department level extracurricular activities.
- Took attendance, graded assignments and maintained students record to assist teachers with administrative tasks.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Urdu
Professional Working Proficiency

INTERESTS

Cricket, Football

WORK EXPERIENCE

Product Designer Trainee Liveon Technolabs Private Limited

03/2018 - 12/2018

Bangalore

Tasks:

- Conducted research and gathered informations from multiple sources about the RF enclosures.
- Actively listened to the customers, handled concerns quickly and escalated major issues to the supervisors.
- Prepared the 3D model of the individual parts of the enclosures and then assembled all the parts to make final RF enclosures.

EDUCATION

Post Graduate Program in Data Science and Business Analytics Great Lakes Institute

07/2020 - Present

Percentage: 96.7%

Master of Technology National Institute of Technology, Rourkela

07/2015 - 06/2017

Pune, CGPA- 9.09

B.E Christian College of Engineering and Technology

08/2010 - 07/2014

Bhilai, CGPA- 8.75

12TH DAV Public School

04/2009 - 05/2010

Bilaspur, Percentage: 78.8%

10th DAV Public School

04/2007 - 05/2008

Bilaspur, Percentage: 77.8%

CERTIFICATES

Python + SQL + Tableau: Integrating Python, SQL and Tableau, 2021 from Udemy
(01/2021 - 01/2021)

The Data Science Course 2020: Complete Data Science Bootcamp from Udemy.
(05/2020 - 06/2020)

HONOR AWARDS

St. Thomas Excellence Award 2nd Semester, 2011.
CCET, Bhilai

St. Thomas Excellence Award 1st Semester, 2010.
CCET, Bhilai

NCC 'B' Certificate
CCET, Bhilai