

Mohammed Tayyab Shaban Siddiqui

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Summary

I am Tayyab, I have Completed BSc in Data Science from DTSS College of Commerce and Science affiliated with University of Mumbai. I have done 1 month of Data Science Internship at CodeSpaze with Demonstration of strong technical expertise and creativity approach to problem solving. I have developed skills in Data Processing, Data Visualization, Data Modelling, Data Mining, Predictive Modelling, Machine Learning and Web Development.

I am looking for Data Analysis opportunity to show my technical, logical and analytical skills and fulfill vision and mission of Organizations and Companies.

Skills

Programming : Python and R.

Data Processing : NumPy, Pandas, SQL, Normalization, Standardization, Encoding, Feature Engineering, Data Imbalance Handling and Excel.

Data Analysis : Data Mining, Statistical Methods, Statistical Analysis and Visualization.

Data Visualization : Matplotlib, Seaborn, Power BI and Tableau.

Machine Learning : Scikit-Learn, Tensorflow, Statistical Modelling, Regularization, Overfitting, Underfitting, Model Evaluation, Natural Language Processing(NLP) and Cross Validation.

Web Development : HTML, CSS and Flask.

Experience

Data Science Intern at CodeSpaze

Jan 2025 - Feb 2025

I consistently delivered exceptional work on various projects within the Data Science projects, Showcased excellent teamwork and communication skills, while independently managing tasks and meeting tight deadlines with efficiency. Worked on more than 15 Machine Learning and Deep Learning Tasks like Chat-bot, Image Classification, Natural Language Processing, Sentiment Analysis, Predictive Maintenance and EDA Analysis using Python, Pandas, Numpy, Matplotlib, Seaborn, Sklearn, Tensorflow, Imblearn and Flask etc.

Data Analytics Training at Native Engineering

Essential Skills and Knowledge in Data Analysis, Data Wrangling, Finding Trends and Patterns, Data Visualization, Email Writing and Soft Skills including key principles and practices.

Projects

Academic Projects

Resume Analyzer

Resume Analyzer for Semester V is an Academic Project which takes inputs from user who are from Data Science background like name, contacts, skills, experience, education and makes a basic resume then Analyzes that resume and Gives an Interactive Dashboard of Resume Analysis with Bar Charts and Pie Charts using Python, Pandas, Numpy, Matplotlib, NLTK, Sklearn, Tensorflow, HTML, CSS and Flask.

This Project has Decision tree and Tensorflow Sequential models on the Data Created by my self. DecisionTree Model has Accuracy 99.99% and Tensorflow Model has 98% Accuracy approximately. Uses NLP Techniques like Tokenization and stopwords.

Image Classification

Image Classification for Semester VI is an Academic Project which Labels Classes that belongs to respective Images. Which does the work like Image Recognition using Python Tensorflow, Image Processing, Evaluation metrics, HTML, CSS and Flask.

This Model is a Tensorflow Sequential Model which has ReLu and Softmax activation function With 96% Accuracy Approximately. User friendly Web interface.

Internship Projects

CodeSpaze Chatbot

CodeSpaze Chatbot is a Chatbot for CodeSpaze which gives Information About, Contacts, Vision and Programs of CodeSpaze Company. It uses Tensorflow, Natural Language Tool Kit (tokenization, stopwords, stemming, lemmatization), Sklearn, Vectorization, Evaluation metrics (accuracy, categorical crossentropy), HTML, CSS and Flask.

Image Recognition

Recognizes Images gives an output based on training Images, Predicts Images Labels. with the more than 95% accuracy. Made using Tensorflow, Image processing techniques, Classification metrics Evaluation and Flask.

Self Projects

Restaurant Revenue Prediction

Predicts Restaurant Revenue Based on features such as Parking Availability, Marketing Budgets, Seats Available, Cuisine and Location etc to predicts restaurant Revenue using Pandas, NumPy, Matplotlib, Statistics, Sklearn, Decision Tree Classifier. Model has 99% accuracy. Easy and attractive web interface for user ease using HTML, CSS and Flask.

Course Completion Prediction

Course Completion Prediction is a classification project which Predicts if candidate or user has completed the course or not based on independent Features or variables like Course Duration and test scores etc. Made using classifications techniques like Sklearn, Pandas and NumPy evaluation metrics (accuracy, precision, recall).

Foody Friend Restaurant website

Foody Friend is a web development project created using Python, SQL, HTML, CSS and Flask for restaurant work like Online order and online table bookings. Have Awesome web interface with carousel and slideshows of foods.

Certificates

- Python Programming By Kaggle.
- Intro to Machine Learning by Kaggle
- Intro to Data Analytics by LearnTube.ai and Career Ninja
- Analytics Framework and Latest Trends by LearnTube.ai and Career Ninja
- Data Analytics Trainee at Native Engineering
- Data Science intern at CodeSpaze

Education

Bachelor of Science (B.Sc.) in Data Science

DTSS College of Commerce and Science, Affiliated with the University of Mumbai

Year : 2022 - 2025

CGPA : 9.43

Higher Secondary Certification (HSC) in Science

P. D. Turakhia Jr College of Commerce and Science, Maharashtra State Board

Completed : 2022

Secondary School Certificate (SSC)

Pathanwadi Urdu High School, Maharashtra State Board

Completed : 2020

Percentage : 88%

Achivements

Kaggle Competetion Calories Expenditure Prediction

Ahead of 75% Candidates, ML Engineers and Teams Used Stack model Which includes XGBoostRegressor, CatboostRegressor, LightGBMRegressor and LinearRegression.

Letter of Recommendation by CodeSpaze

A letter of Recommendation for Completion of Internship with good performance and Using good Skills from CodeSpaze.