Rumana Shaikh

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| Medium: MyBlogs

PROJECTS

- **Predict if the client will subscribe to direct marketing campaign for a banking institution.**:
  - Goal-The classification goal is to predict if the client will subscribe (yes/no) a term deposit(variable y). To improvise the marketing campaign of bank by analyzing the past sampling data and recommending right target customer.
    Implemented Logistic Regression,Random Forest,Hyper Parameter tuning using grid search Algorithms to achieve a higher accuracy on data set.
- **Implementation of Logistic Regression,Decision Tree and Random Forests on Titanic Data Set**:
  - This project is an exercise to show how to use foundations of Data Science in order to import, study, visualize, and present the raw data in a method that is easy for any user to digest and understand.
- **Predict the Sentiment of Twitter tweets using NLP**:
  - Social media has profound impact in capturing the potential customers and thus there are a lot of consulting firms that operate in the digital strategy space. Whether it is to design a marketing campaign or look at the effect of marketing campaigns on user engagement or sentiment, it is a very valuable tool.Manual assessment of sentiment is very time consuming and automatic sentiment analysis would deliver a lot of value.

SKILLS

- **Languages**: Python, SQL, JAVA, HTML, C, Arduino Programming Using C/C++ and Css
- **Other Technologies** : GitHub,Axure,JAVA ENTERPRISE EDITION, PHP MY ADMIN, ECLIPSE, NET BEANS and MICROSOFT OFFICE.
- **Libraries**: Numpy, Scipy, Scikit-learn, Pandas, Matplotlib
- **Concepts**: Logistic and Linear Regression,Decision Tree,Random Forest,Time Series
- **Frameworks**: Hibernate, Angular React and Spring

EDUCATION

Masters Program in Data Science using Python in Machine Learning.
Grey Atom School of Data Science
As a Data Science student at GreyAtom, I've studied the methodological and mathematical foundations of data science and machine learning, as well as gained practical hands-on skills.

Bachelor's in Computers Engineering CGPA:7.80/10.0
M.H. Saboo Siddik College of Engineering-University ofMumbai
(2014-2018)

KC College of Arts, Science and Commerce HSC Board 66.80
(2012-2014)

St. Anthony's Girls High School SSC Board: 84.73
(2012)

EXPERIENCE

Larsen and Toubro Infotech Mumbai, India
Graduate Engineer Trainee *January 2019 - Present*

Bandra Government Polytechnique institue Mumbai, India
Professor/Lecturer *August2018 - December2018*

ACHIEVEMENTS

- ORACLE CERTIFIED PROFESSIONAL JAVA PROGRAMMER

BLOGS ON MEDIUM

- Everything you need to know about Time Series!
  Steps in time series forecasting, Detecting Seasonality Trends in Time Series, Understanding Terms like Stationery Time Series, Non-Stationery Time Series, Moving average, Estimating and eliminating seasonality and trends, Plotting Rolling Statistics, Dickey-Fuller Test, lag plots, White Noise,Autocorrelation, Differencing, Decomposing time series data, ARIMA, AR Model, MA Model, Combined model, ACF and PACF.
- Beginners Guide to EDA-Exploratory Data Analysis on a Real Data Set using Numpy Pandas in Python!
  1.Understanding the Data Set.
  2. Discovering Patterns Between Categorical and Numerical Columns.
  3. Discovering handling the Missing Values
  4. Discovering the trends between the Features w.r.t Target Variable
  5. Getting Insights and Conclusions