

HAMEED ALI SHAIK

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PROFILE SUMMARY

- Over 3 years of Experience in in Data Science and Data Analysis with capability to quickly understand business requirements & apply business logic to solve complex problems
- Skilled in Machine Learning Algorithms entailing in Multiple Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, K-means Clustering
- Proficient in Deep Learning Algorithm such as Neural Network, CNN, LSTM.
- Proficient in Natural Language Processing.
- Hands-on experience in using Python, SQL, R
- Insightful knowledge of Tableau, Excel.
- Expertise in using analytical processes and techniques to improve and optimize information and decision systems.
- Responsible for deliverables.
- Knowledge and experience of Microsoft Office tools like MS Access, MS word, MS PowerPoint and MS Excel.
- Ability to meet tight deadlines, quick learner, good interpersonal skills and team player.
- Excellent communication and management skills

SKILLS

- **Data Science Tools:** Python, Oracle SQL, R
- **Machine Learning Algorithms:** Multiple Linear Regression, Logistic Regression, Decision Trees, Random forest, KNN, K-means Clustering, Hierarchical Clustering.
- **Deep Learning Algorithms:** Neural Network, CNN, RNN, LSTM.
- **Visualization tools:** Tableau, Power BI, Excel.

WORK EXPERIENCE

TechNVision Ventures Limited (Solix Group)

Jr Software Engineer

Feb. 2018 – Present

Hyderabad, Telangana

Designation: Jr Software Engineer

Roles and Responsibilities:

- Understanding the Business requirement document and analyzing the data as per client required formats.
- Participated in requirement gatherings.
- Built some key performance dashboards and maintaining the tableau server.
- Interacting with database team to get the required data from the database based on the client requirements for tableau dashboards and machine learning models.
- Preparing PPT for presentations and basic document for each project
- Understanding the new enhancements in the application and sharing knowledge with team members.

Project: Predicting Payment days category of an invoice

Technologies: Python, SQL, Tableau

Project Description:

- Gathering the client requirements and relative data for the same.
- Developed Machine Learning model based on XGBoost for payment days category of an invoice made by the customers, to find the customers who are paying in time and those who are paying late which in turn reduced the Days Sales Outstanding.
- The DSO was reduced by 5 days which increases the collection process by 15%.
- Prepared Visualizations in tableau for the predictions.

Project: Predicting Dispute Reason

Technologies: Python, SQL, Tableau

Project Description:

- Gathering the client requirements and relative data for the same.
- Performed Exploratory Data Analysis and treated missing values and outliers and performed **One hot encoding** technique for the categorical attributes.
- Built Machine Learning model based on Randomforest for one of the largest water solution company to predict the dispute reason code of any invoice raised by the customers.
- Applied hypothesis Testing and prepared visualizations in tableau.

Project: Predicting Customer Payment Behavior

Technologies: Python, SQL, Tableau

Project Description:

- Gathering the data by selecting appropriate attributes from ORACLE SQL server
- Exploratory data analysis done to understand the insights of the data and to find missing values and outliers in the dataset and treated them with necessary techniques.
- Developed a machine learning model using clustering technique to identify the payment behavior of a customer to evaluate the risk.
- Build visualizations in tableau to present the key results for CFO's.

Project: Gia Docs Cognitive Data Capture

Technologies: Python, MySQL, Deep Learning (VGG-16)

Project Description:

- Used Pre-trained Model of Transfer Learning VGG-16 for Image Classification, Data Augmentation. The technique has been used on images gathered from clients to increase the size of the data set.

Tableau Dashboards:

- Working on the EMAGIA product for the finance-based Company.
- Managed SQL database to retrieve the information which is further used to build the dashboards.
- Maintaining the Tableau server to create users, giving permission to the users for the dashboards and scheduling the dashboards refresh.
- Developed the Key CFO dashboard which was used by the CFO's.
- Developed the dashboards for the Collections, Receivables and Disputes
- Developed the dashboard for Key Performance Indicator **"Days Sales Outstanding"**.
- Developed interactive dashboards which is used to navigate between the dashboards and implemented User access dashboards in the server using Company Id.

EDUCATION

International Institute of Digital Technologies (IIDT), Tirupati, India

PGP In business analytics |2017-2018|

Narayana Engineering College, Nellore, India

B.Tech (CSE) | 2012-2016

Narayana Jr College, Nellore, India

Intermediate | 2010 – 2012

PERSONAL DETAILS

Date of Birth : 02/12/1994

Marital Status : Single

Languages Known: English, Telugu, Hindi

Address : Tarnaka, Hyderabad.

