Career Objective

Looking for Results-oriented and challenging career assignments in Data Science/ Data Analytics, to translate my passion & experience into effective and outstanding solutions, that could help organizations make informed decisions and gain edge over their competitors.

Executive Summary

A Data scientist at Ltd with total 5.0 years of rich experience in Information Technology industry including 3+ years including immersive Predictive and Unsupervised Analytics roles involving big data led decision making.

* Proficient in understanding and analyzing of data pertaining to various domains, build best-fit models based on the data and providing appropriate insights to business problems
* Expert in validating the data using EDA Techniques: Central Tendency, Dispersions, Quartiles/Percentiles, Standardization, Data Visualization and Cross-Tabulation
* Deep knowledge on PCA for Dimensional Reduction for Supervised data, Cluster & Segmentation Analysis for Unsupervised data.
* Good working experience in Data Analysis, obtaining insights from data, choosing appropriate Machine Learning/Data Mining algorithms.
* Preparing Summary reports based on the client requirement and Interacting with onsite team as well as client on weekly basis.
* Actively participate in the client meetings, business understanding and deliverables
* Passionate about working on large datasets and able to design high-value-added solutions to business stakeholders coordinating well with internal teams and clients with agile methodology.

Core Competency:

* Excellent Time management.
* Excellent Presenter.
* Leadership
* Value Stream Mapping(VSM)

Technical Skills /Area of strength

|  |  |  |
| --- | --- | --- |
| Statistical Skills | * Descriptive and inferential Statistics * EDA, Test of Hypothesis, Model validation & Diagnostic | |
| Machine learning skills | * Regression analysis * Logistic Regression * Decision tree * Ensemble Models * Recommender system * Anomaly detection | * PCA * Cluster analysis * Gradient decent * SVM * NN * Time series |
| Software/Tools Skills | R, Python, SPSS, SAS (E-MINER), SQL  Tableau, SAS VA | |
| Big data | Spark | |

Project Experience

Cyient Ltd., Hyderabad Data Scientist

|  |  |
| --- | --- |
| **Project** | Fleet Health Analytics |
| **Client** | Boeing, USA |
| **Team Size**  **Tool/Software used** | 9  Python, R, Tableau |
| **Description** | Building Predictive classification models to predict delays Vs. cancellation of flight based on several features which will giving client to understand of efficiency of each operators worldwide. |
| **Responsibilities** | * Studying and understanding of each variable technicality. Works in iterative processes with the client and validates findings. * Build a best fit model using machine learning algorithm (PCA, Logistic regression, decision tree, random forest, SVM, Ensemble model, Cross validation) to predict binary output of delay * Presents and depicts the rationale of their findings in easy to understand terms for the business. |

Cyient Ltd., Hyderabad Data Scientist

|  |  |  |
| --- | --- | --- |
| **Project** | EHA | |
| **Client** | P&W, USA | |
| **Team Size**  **Tool/Software used** | 7  Python, R, SPSS, Tableau | |
| **Description** | To predict Engine gas turbine temperature (EGT) for evaluating jet engine health and its condition and used Regression models of GTE diagnosing enable forecasting the aircraft engine state. | |
| **Responsibilities** | * Descripting Analysis of every Variable. * Cleaning Data by removing non-significant Variables. * Imputing Missing values, Outliers deduction, Checking Collinearity etc. * Preparing Models and checking accuracy through tuning and Feature selection. * Generating Reports and presenting it to client. |

Key achievements:

* “PRIDE@BOEING ” awards from Boeing for FHA Project.
* Presented a Paper entitled “A Simulation Study on Graphene Composite for Aerospace” at International Academy Conference on IACEECE held at Hyderabad on 22nd November, 2015. Awarded by IRAJ Research Forum.

Education details:

* B Tech (Mechanical) from Institution of engineers, India with CGPA **7.4**
* A.M.E from Indian Institution Of Aeronautics (DGCA),With **84%**
* 12th from PT D K Inter college , Unnao (UP BOARD) with **78 %**

Personal Vitae

Marital Status - Married

Passport Number - J6879445

Date of Birth - 07 Jul, 1991

Present Address - Flat no 202, 5-107/A, Mumtaj Manjil , chandanagar,

Hyderabad-500050

Place:Hyderabad *CV Compiled on: 24th Aug, 2017.*