K . SHYAM SUNDAR RAO

Email: kshyam041994@gmail.com   **Open for:** Any location Current

Current location: Kolkata

Mobile: 9330499134

CAREER OBJECTIVE

Data Engineer with a total of **2 YEARS of experience**, with an upbeat and positive attitude, who is looking for an opportunity to make a big difference in a business that is moving forward. Able to develop effective solutions to problems with an active and dynamic approach to work and getting things done efficiently.

Machine learning and Analytics enthusiast with hands-on knowledge of using statistical modeling concepts to solve wide variety of problems on large data sets using Python. Also, adept at Excel, VBA , SQL, Tableau.

WORK EXPERIENCE
WIPRO PVT. LTD   < Senior Data Analyst > (Kolkata)
(31-12-2018 -   Till date)
- ➢ Optimal extraction, transformation, and loading of data from a wide variety of data sources in Medical billing using SQL.
- ➢ Build processes supporting data transformation, data structures, metadata, dependency and workload managementDevelop custom data models and algorithms to apply to data sets.
- ➢ Enhancing data collection procedures to include information that is relevant for building analytic systems
- ➢ Develop and implement quality controls and departmental standards to ensure quality standards, organizational expectations, and regulatory requirements.
- ➢ Manage and optimize processes for data intake, validation, mining and engineering as well as modelling, visualization and communication deliverables.

PROJECTS IN ANALYTICS
Banking
Tools Used: Python, Tableau
Loan Prediction: Analytics Vidhya Datahack Objective: To identify the customers that are eligible for loan amount so that the company can specifically target the customers. Analysis and modelling: KNN Imputation, Decision Tree, Naive Bayes, KNN Classifier, EDA using Tableau. Evaluation: Decision Tree F1 score: 87%

Travel Industry
Flight Fare Prediction: Machine hack Objective: To help inform the travellers with the optimal time to buy their flight tickets and understand trends in the airline industry. Analysis and modelling: Outlier analysis, Feature Extraction, Random Forest, Gradient Boosting, XG Boost. Evaluation: XG Boost accuracy 92%.

Travel Industry

Statistical Analysis and EDA on Cab Fare Data Objective: To analyse the factors responsible for varying Cab fare for a New York based taxi service start up and build a OLS regression model to predict the same based on the significant factors. Analysis and modelling: Feature Extraction, EDA, Correlation analysis, Chi square tests, Anova and VIF Tests, OLS Regression model. (Done on Python and R) Evaluation: Adjusted R2: 97.3%

CERTIFICATION

Certified Data Analyst with proficiency in **Python , R , SQL , Tableau and VBA** as tools to perform Statistical Modeling from **IVY Professional School**

Computer Proficiency:

> ➢ Dash boarding and automation using advanced Excel and Tableau.
> ➢ SQL queries & relational database management.
> ➢ Business statistics
> ➢ Data science with python
> ➢ C++
> ➢ Communication skills – ability to communicate efficiently (written and spoken) in English. Demonstrated ability to communicate complex technical problems in simple plain stories. Ability to present information professionally & concisely with supporting data.
> ➢ Strong Analytical skills – has ability to start from ambiguous problem statements, identify and access relevant data, make appropriate assumptions, perform insightful analysis and draw conclusion relevant to the business problem.

EDUCATIONAL QUALIFICATIONS

> ❖ B.Tech. In Electrical Engineering , from Saroj Mohan Institute of Technology (West Bengal University of Technology).   Overall CGPA 7.45 (2013-2017)
> ❖ Higher Secondary (12th), KENDRIYA VIDYALAYA NO . 2 (CBSE) with 60%.   (2013)
> ❖ Secondary (10th), KENDRIYA VIDYALAYA NO . 2   (CBSE) with 83%.   (2011)