

SIPHAN KUMAR PARIDA

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Career Objective

Highly motivated individual with a strong track record of performance in handling relationship management activities to identify and define business requirements, and translate business needs into complex models. Competent at identifying different data sources and providing associated data modelling and data visualization.

Key Skills

R programming | Python | Perl | Tableau | Advance Predictive modelling and designing drilldown analysis for business insights | Statistical modelling | Credit Risk Analysis and Project Management | Client management and cross functional project handling | Strong RDBMS knowledge | Agile Methodology | Jira | Model Deployment | GIT | Flask

Qualification Summary

- ✚ Analytical, enthusiastic and innovative **Data Science** with **3** years of IT experience in the different areas of Data Science, Machine Learning.
- ✚ Core competency using operational data and getting inferential input to be provided for business decision support by using technical tools and skills like R, Python, Tableau, SQL.
- ✚ Ability to understand business problems and disseminate into data driven and drill down analysis for story telling dashboard in Tableau. Complete knowledge in developing predictive data model from production data source for performance management analysis
- ✚ Working experience in following agile development methodology and handling the responsibility of Scrum master.
- ✚ Past working experience in Python Automation for industry leading storage domain clients.

Technical Skills

- ✚ **Python** -Developed various regression and classification models of ML using pandas, numpy, scikit learn etc, and visualization using Seaborn and Matplotlib libraries. Good experience in validating models using Cross validation, confusion matrix, ROC curve etc.
- ✚ **Machine Learning and AI** -Strong working knowledge of various ML regression and classification algorithms such as Linear and logistic regression, Decision tree, Random forest, SVM, etc. Strong knowledge of hypothesis testing.
- ✚ **Tableau** - Profound knowledge in Design, develop and deploy Tableau dashboards on Tableau server deployed enterprise-wide. Work with business teams to gain a rich understanding of their business, analytical, and reporting needs, including the identification of critical metrics and KPIs. Develop rich interactive visualizations integrating various reporting components from different data sources.
- ✚ **SQL** -Strong database management and query writing skills in SQL and Access. Statements and clauses, Entity and attribute relationships, Joins, views, pivot and un-pivot, case and when statement, ranking and row order and stored procedures etc.
- ✚ **Perl** -Strong working experience in developing automation framework for industry leading storage clients.

Work Experience

JARKS IT Pvt. Ltd. Nov 2018 till

Project: Loan defaulter prediction

Designation: Data Scientist

Client: Banking client

Objective:

Built a model to predict whether the banking customer will repay the loan amount or not

Responsibilities:

- Done exploratory analysis and took inferences by visualization of the data
- Improved the quality of data by removing inconsistent data, missing values, outliers.
- Removed insignificant variables with 92% of accuracy.
- Explored the data using different visualization techniques.
- Used algorithms like KNN, Naive Bayes and obtained optimal sensitivity and specificity with logistic regression

Project: Credit card fraud detection

Designation: Data Analyst

Client: Banking

Objective:

Bank has many credit card customers throughout America. In this particular problem statement, we have data of transaction made by the customers using credit cards. The data represents transaction that occurred and the dataset was highly imbalanced

Responsibility:

- Doing customer interaction and understanding the requirements.
- Getting the requirements from client and distributing the task among the team members.
- Done exploratory analysis and took inferences by visualization of the data
- Improvised the quality of data by removing inconsistent data, missing values and label the data using feature scaling
- Removed insignificant variables using dimensionality reduction technique.
- Used gradient descent algorithm to minimize the cost function.
- Performed random forest, decision tree, logistic regression, and KNN to find fraud customers
- Optimized the accuracy parameters with 95% accuracy with using random forest
- Explored the data using different visualization techniques.

Academic Qualifications

BCA in science college autonomous, hinjilicut 2017.

Personal Details

Date of Birth	: 21th May, 1997
Gender	: Male
Address	: 5 th line marathahalli, Bangalore. 560037
Linguistics	: English , Hindi, odia