MANURANJAN GOGOI

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A data science professional with diverse experience across financial domain. Adept at generating insights from Statistical analysis and providing insights to the stake holders and experienced working in agile environment.

**Analytical Programs:** R, Python, SQL, Apache Hadoop, Hive, AutosysJils, Jira, Power BI, Git commands, Dashboards, Cloudera.

**Statistical expertise:** Model development, Periodic monitoring model and performance metrics, Automation, Regression, Classification, Cluster Analysis, Hypothesis Testing, Descriptive Statistics, Statistical Modeling, Machine Learning- KNN, Random Forest, GBM, Natural Language Processing(NLP).

# PROFESSIONAL EXPERIENCE

**Tata Consultancy Service (Analytics and Insights), Bangalore** 2018 Jan – Present

***Client:- A Global Bank.***

* Application Scorecard model – finding the probability of default.
* Cleaning and preparing the data. Identification of suitable machine learning algorithm.
* Logistic Regression/Decision tree Model Building.
* Enhancing the accuracy of model and analyzing results.
* Dashboard creation and presenting results.

***Project:- Part Analytics(Cost Analysis)***

* Cost Analysis of Raw materials and giving the best price to negotiate.
* Cleaning and preparing the data. Identification of suitable machine learning algorithm.
* Implementation of clustering for identifying different similar mechanical parts based on geometry and chemical compositions of Raw Materials. (categorical and non-categorical variables)
* Implementation of Gradient Boost model to predict the best price of raw materials.
* Enhancing the accuracy of model and analyzing results.
* Dashboard creation and presenting results.

**Indian Statistical Institute**

**Time Series Regression Analysis of malaria and rainfall data:** A Case Study of West Garo Hill district, Meghalaya. (Poisson Regression)

* Analysis and created model for the impact of Rainfall upon Malaria.

# Educations & Certifications

Indian Statistical Institute **PG in Statistical Methods and Analytics 2016-2017**

Tepur University **M.Sc in Mathematics 2014-2016**

Dibrugarh University **B.Sc in Mathematics 2011-2014**

Microsoft Certified: Azure Fundamentals **Microsoft**