**Kappagantula V Rama Deekshith**

[deekshith1410@gmail.com](about:blank) | 9502776115



**Professional Experience:**

**American Express (July 2017-Present),** Sr. Analyst

- 3 years 10 months of experience in Corporate Risk modeling data analytics, responsible for coding model features, validating and reporting model performance metrics and maintaining data repositories required for modeling exercises.

- Adept in statistical analysis methods and Predictive modeling techniques like Regression and Gradient Boosting Machine Techniques etc.

- Good Knowledge in data analysis using SAS, SQL, Python and Big Data Technologies like Hive, PySpark.

- Domain expertise on Corporate Client and Card-member Customer Management Credit Risk analytics, Financial and Bureau data sources.

**American Express (Jan 2017- Apr 2017),** Internship

Part of the Merchant analytics Team and implemented a Brand Mapping Algorithm which identifies the Brand of every Merchant by using Big Data Technologies. This is a complex variable that drives AMEX to launch offers and rollout campaigns.

**Educational Background:**

# Master of Science in IT, Specialization in Information security **2015-2017**

International Institute of Information Technology - Hyderabad GPA – 8.1

# Bachelor of Technology in Electronics & Communication Engineering **2011-2015**

RIT, Yanam (Affiliated to Pondicherry university) GPA **-** 8.32

**Projects:**

* **Corporate Client and Card Member level data for PD models :**

Created Corporate client level modelling variables in the data repositories, which were leveraged for customer management / PD models for credit strategy and simulation exercises.

Responsible for tracking the performance of models by generating metrics like Accuracy, AUC.

Reduced the manual workload by automating cumbersome tasks.

**Technologies Used:** SAS, Teradata SQL

* **Automated Model Refresh :**

A capability that takes in fresher data and refreshes GBM every month to accurately predict the risk from Corporate Clients and Cardmembers.

Facilitated the automation for 3 models which involves Data QC, model built on local Server/AWS and generating MIS report which is used to take decisions on pushing the model to production.

**Technologies Used:** Spark, Hive, Python, MapReduce, Shell Scripting

* **Defaulter Cases Reviews:**

Developed a capability to quickly review the Demographics, Derog, Bureau, Financial information and model behaviour on a Consumer or a Corporate client. Provided an unique ID as input, this tool generates the reports in 15-20 mins and mails it to the user.

This tool helped our team to quickly review the cases during COVID and take necessary actions.

**Technologies Used:** YellowBricks, Python, Pandas

**Skills:**

* **Programming** - Python, SAS, Java
* **BigData Technologies** - Hadoop, Spark, Hive
* **Web Technologies** - HTML, CSS, JSON, Django
* **Other Technologies** - SQL, MS Excel, Data Modeling

(K.V.R.Deekshith)