VAIBHAV RAJVANSHI
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SUMMARY

- **5 years and 6 months** of experience in **Business Analytics and Intelligence** area with a rich exposure to **data visualization**, **storytelling, client handling and team management**.
- **End to end involvement from requirement gathering to solution delivery to clients** with meaningful insights from the data to take business driven actions.

WORK EXPERIENCE

- Working as a **Associate Data Analyst** in *UHG, Noida* since **Mar 2017 to till date**.
- Worked as a **Senior Software Engineer** in *L&T Technology Services, Bengaluru* since **Dec 2016 to Mar 2017**.
- Worked as a Programmer Analyst in **Cognizant Technology Solutions India Pvt. Ltd.,** *Chennai* since **Nov 2013 to Nov 2016**.

TECHNICAL SKILLS

Databases	SQL Server, SAS
Tools	Tableau, Alteryx
Languages	R

CERTIFICATIONS

- **Tableau Desktop Qualified Associate** certified by *Tableau Group.*
- **Essential Design Principles for Tableau** certified by *University of California* on *Coursera*.
- **Visual Analytics with Tableau** certified by *University of California* on *Coursera*.
- **Creating Dashboards and Storytelling with Tableau** certified by *University of California* on *Coursera*.
- **Data Visualization with Tableau Project** certified by *University of California* on *Coursera*.
- **Data Visualization with Tableau Specialization** certified by *University of California* on *Coursera*.
- **Practical Machine Learning** certified by *Johns Hopkins University* on *Coursera*.
- **R Programming** certified by *Johns Hopkins University* on *Coursera*.

PROJECTS EXPOSURE

Project: Driver Analysis
Technologies Used: R and **Tableau**
Description: To predict the drivers to drive NPS(Net Promoter Score) for the different business segments of Optum which helps in improving them and build a self explanatory report for proper navigation through the business segments and drivers.

Responsibilities:

- **Get the raw data from Excel** for different market segments.
- Predict the drivers using Shapely method to understand the impact of them on improving Net Promoter Score.
- **Build a user friendly report (simulation tool R and Tableau)** to analyze the impact of drivers on different business within Optum.

Project: M&R NPS **Playbook Dashboard**

Technologies Used: SAS, **Tableau** and **Alteryx**

Description: Medicare and Retirement NPS Playbook **Dashboard** provide near real-time access to the various strategies, performance, programs and actions their business to execute on Net Promoter score improvement. Each section of the **dashboard highlights** the **key deliverables being discussed monthly with the VOC council.**

Responsibilities:

- Get the raw data from **Alteryx** and converted it into CSV for further processing.
- This **data is further processed and explored in R.**
- **After this, it is sent back to Tableau for reporting purpose**.
- Different views for the end users are **building using Tableau**. Views include understanding Optum Voice of Client and NPS score by Region, Market, utilization and Product type.

Project: Delinquency Prediction Analysis

Technologies Used: **Tableau**, **Alteryx**, R and Excel

Description: To predict the probability of a customer defaulting in the near future based on customer demographics, delinquency history, credit bureau score, account balance and financial transaction information.

Responsibilities:

- **Proper Data merging** to make it a single csv file to explore it in a better way using **Alteryx.**
- Data Exploration for **Univariate analysis**, **BI-variate analysis**, handling missing values, treatment of outliers and feature engineering **using tableau**.
- **Tried different Algorithms on the data including Logistic Regression, Neural Network and XGBOOST (Extreme Gradient Boosting).**
- Interpreted the default customers with the accuracy of 82% using XGBOOST (Extreme Gradient Boosting) algorithm.
- K-fold cross-validation on train & test data to check the accuracy with different set of data.

Project: BIC (Best-in-Class)

Technologies Used: **Tableau,** Excel and SQL Server

Description: To find out the improvement areas in the already on-going projects to make it Best-in-Class with the help of certain set of Engagement Maturity Questions from Delivery team. Analysis and automation is the major part of responses which includes Process, Quality and Automation.

Responsibilities:

- **Gathering and analysis of the response received from the Delivery team**. Map the responses on a scale of 1-4.
- Automate the responses received from the team and capture them in a database (SQL server).
- Showcase the improvement areas and capabilities **using tableau reports** and send them to the users.
- Develop canned reports to show a proper track of records.

OTHER EXPOSURES

- **Provided Data Visualization Enablement Sessions** and has sound knowledge to **build dashboards using Tableau.**

ACADEMIA

C-PGDBA in Information Technology   2014-16
Symbiosis Centre for Distance Learning   Pune, India

B.Tech. in Electronics and Communication   2009-13
Graphic Era University   Dehradun, India

PERSONAL DETAILS

Date of birth	:	12th January, 1992
Gender	:	Male
Marital Status	:	Married
Passport No.	:	K4981802
Location	:	Noida

(VAIBHAV RAJVANSHI)