**SUBHAJIT DAS**

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**PROFILE SUMMARY**

**Over four years of experience in analysis, design, development of predictive analytical models with an expertise in R, Python and SQL. Deep understanding of technology with a demonstrated ability to deliver valuable insights via analytics and advanced machine learning algorithms using R and Python.**

**ACADEMIC CREDENTIALS**

* **PG Diploma in Data Science** **I** **CGPA** **3.52/ 4**  Year- 2018

IIIT-Bangalore

* **B. Tech, Electronics and Communication Engineering I** **CGPA 7.78/10** Year- 2014

Kalyani Government Engineering College |West Bengal University of Technology, Kolkata

**WORK EXPERIENCE**

Current Organization: ***Cognizant***, Associate Data Scientist, Kolkata

June 2018 – Present

* Analysed the **Hospital Care Professional (HCP)** behaviours through **Key Driving Factors** with respect to **actual sales** ofa drug. **To promote growth on selling drug revenue by leveraging HCP’s acquisitions and improved physician marketing strategies** through **Segmenting** them according to **their drug Prescribing pattern** using **K-Means clustering** and Developed a **propensity score** using **advanced machine learning algorithm (Logistic Regression, Random Forest)** for each HCP’s which will **devise a successful go to market strategy.**
* SAS to R migration of different protocols like **'Logit-Log'** is a calculation method for quantification of antigenic mass by Elisa, based on **logit log transformation and linear regression** andVisualize those using **R Shiny.**
* Underlying reasons behind patient absenteeism to visit HCP or clinic and **strategize** to improve the conversions rate. It is analysed through **‘*Compellon Causality Engine’***(AI Engine).

Previous Organization: ***Jardine Lloyd Thomson***, Business Analyst, Mumbai July 2017 - May 2018

* **Developed and implemented a marketing strategy** **to optimize the marketing cost and achieve 80% of total responders** at the **minimum possible cost** for the selling of a deposit product for a UK based multinational bank and target the one’s, most likely to respond in the next telemarketing campaign using **advanced analytical predictive models**.
* Developed an **attrition analytics framework** that uses a predictive model to generate a score for each employee of leaving the organization using **Logistic Regression & Random Forest** and came up with top 3 reasons for Employee attrition to **design an Early Warning System framework.**
* Built a model using **Support Vector Machine** to identify the **handwritten digits** between 0 to 9 written in an image. (POC)

Previous Organization: ***Accenture***, Application Development Analyst, Bangalore April 2015 - July 2017

* **Forecasted the sales and the demand** of an online store for its top two most profitable and consistent segment for the next six months, using **auto ARIMA** and consulted the strategy to manage the revenue and inventory accordingly**.**
* Evaluate a predictive model **to identify the customers who are at the risk of cancelling** their membership of a premium club boasts a large customer base, developed using supervised **classification machine learning** algorithms.
* Build the **portfolio of risk assessment** with an **exploratory data analysis** to find the key driving factors behind loan default and analysed the correlation between different variables using **Heatmap** and created dashboard using **Tableau**.

**KEY SKILLS**

• **Machine Learning Modelling** Techniques • ***Wiley Certified Data Scientist*** (CZN-CDS-KOL-280119002)

• **Visualization**: Seaborn,Ggplot2,Tableau,RShiny • **Analytics Languages**: R, Python, SQL

• **Statistics &** **Hypothesis Testing** • **Databases:** SQL Server 2008, MySQL

• **DevOps**- Jenkins, AWS, GitHub •**Big Data**: SparkR, PySpark, Amazon S3, EMR Cluster

**ACCOLADES**

* Innovator and Responsible to execute a coherent plan of action and received a spot award from Delivery Unit lead.
* School level success in All India Mathematics Olympiad, National Talent Search Competition, National Science Olympiad.