

Akshay Sayar

Data Analyst at Cognizant Technology Solutions

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Career Objectives: I aspire for a challenging position in professional Organization where I can enhance my skills and strengthen them in conjunction with the organization's goals. A self-motivated achiever with the ability to plan and execute.

Professional Experience Summary:

- Around 2.5 years of professional IT experience in service -based industry in the **field of data science with predictive analytics, machine learning, and python automation**.
- Sound knowledge of **Machine Learning algorithms**, programming (Python) and data manipulation language (SQL).
- Efficient to draw insights from large data sets, **Predictive analytics, Text Mining, Python** and generating graphs/charts using seaborn,matplotlib.
- Exploring Machine learning with Python.
- Good knowledge of Advanced Excel, SQL, Oracle, Linux, Shell Scripting, Java.

Technical Expertise:

- **Languages & scripting** : Python, SQL
- **Data science Toolkit** :
 - **Python Modules/ Libraries:** Jupyter Notebook, Web Scrapping, Pandas, Matplotlib.
 - **Machine Learning (Python):** Simple and Multiple Linear Regression, Logistic Regression, Classification using KNN, Decision Tree, Random Forest, Naive Bayes, Support Vector Machine, Association Rule Mining using Apriori, Unsupervised Learning with PCA, Factor analysis, K-Means clustering, etc.
 - **Statistics:** Statistical understanding of model, Model Interpretation, Overfitting, Under fitting, Properties of distributions, statistical tests and proper usage and their realworld advantages/drawbacks ◦ **Reporting:** Matplotlib, Seaborn.
- **OS and Other Tools** :

- Windows, Linux, putty, MobaXterm
- PyCharm, , Anaconda, Jupyter, DBVisualiser, HP ALM, Jenkins, GIT, SVN.

Project Experience:

DocuSign, US.

Oct 2018 -Present

Customer: DocuSign Corporation.

Company: Demand Matrix, Pune Goal:

DocuSign is pioneered in development of e-signature technology. Today offer the world's #1 e-signature solution. The use case is to generate the technographic, firmographics and NTP for DocuSign focusing on business areas like Construction, Financial Services, Healthcare and Real Estate.

Responsibilities:

- Understanding **Business Requirement** from customer Interaction.
- **Gap Analysis** with previous delivery and finding delta count.
- Implementation of **Different Scoring Algorithm** to rank the data as per business need. (**Recency** Scoring, Intensity Biasing Scoring)
- Checking for updates of data and business impact of it.
- Handling end to end product and Techno delivery as per Customer Need.
- Implementation of **Apriori Algorithm** as NTP request from DocuSign.
- Responsible for providing the association rules mapping as an end product for NTP use case.

Technology & Tools: Python, Jupyter, AWS Athena (SQL), Excel.

Microsoft Gaming and Cloud, US.

Oct 2018 -Present

Customer: Microsoft Corporation.

Company: Demand Matrix, Pune

Goal:

The use case is to provide the trend analysis and meaningful insights from the data for Microsoft Corporation which will help to increase the Microsoft Corporation Sales. The trend analysis is based on Adoption De-Adoption signals, technologies data, product data and NTP data which is gathered from internet using web scrapping technique.

Responsibilities:

- **Web Scrapping** of different products as per Microsoft interested category from G2 Crowd, Gartner.com and Alternative.com.
- Analysis of data using python analytical library like Pandas, matplotlib, Numpy.

- **Fuzzy Logic Implementation** to identify different alternatives used to represent same product.
- Responsible for providing the visualizations/reports using **R Scripts** (facets bar charts) and power-BI.
- Generation and normalization of product and Techno data using AWS Athena functionalities.
- Maintaining scripts Bit Bucket using Git interface/commands.

Technology & Tools: Machine Learning Concepts, Python, Jupyter, R, AWS S3, AWS Athena (SQL), Excel.

UDA, TransUnion, South Africa

July 2016 - Oct 2018

Client: TransUnion

Company: Capgemini, Pune

Goal:

The aim of the project is to generate the Scorecard and Data rule. Data used for generating score cards is given by the client. We need to perform data cleaning and analysis. Standard templates were provided to us, we need to map the generated scoring cards and data rules with the given template.

Responsibilities:

- Handling huge data and perform **data cleaning, ETL (Ab-Initio), mathematical operations** on it to improve performance.
- Responsible for different mathematical calculation which are required while generating **Score-card and Data Rules.**
- Different **Ab-initio graphs** were developed to perform an ETL task.
- According to client requirement we build the models based on **logistic regression classification.**
- Use of Decision trees, Random Forests to generate a classification model to predict whether a new loan has to be approved or not.
- Build Logistic regression model to check the liability of a person for a loan.
- Various accuracy checks are performed to understand what proportion of the data is cleaned and how much data is **accurate.**
- Along with development, responsible for SIT environment and UAT environment support and root cause analysis.
- Accurate Score-cards and data rules deployment.

- Actively part of Data cleaning, validating involves treating the Missing value, EDA, Plotting, Feature Selection, Outliers and their Capping, Correlation plots, unimportant feature removal.
- Data analysis using str(), summary() etc.
- Performance measuring of classifier models using **confusion matrix and ROC curves, Precision-Recall, etc.**
- Use of correlations, accuracy measures like precision, recall, etc.

Technology & Tools: Ab-initio, Machine learning Concepts, R studio, Oracle, SQL, Excel

Certifications:

- IZO-047 Oracle Database SQL Certified Expert. (Oracle)
- Machine Learning A-Z: Hands-On Python & R in Data science (Udemy)
- Tableau 10 A-Z: Hands-On Tableau Training for Data Science (Udemy)
- Data Analysis with Python (IBM Cognitive Class)
- Microsoft Excel - Excel from Beginner to advanced (Udemy)

Educational Qualification:

- Bachelor of Mechanical Engineering from Sinhgad collage - Pune University [2016] with 71%
- Higher Secondary Certified from BJM Carmel Academy - CBSE [2012] with 79.8%
- Secondary School Certified from BJM Carmel Academy - CBSE [2010] with 9.6 percentile

Strengths:

- Hardworking, Organised, Good team player, Dedication towards work.
- Quick learner, Good communication skills, self- Motivated, Time management.

Personal Details:

- Date of Birth : 31st March 1994
- Address : DehuRoad,Pune-411014
- Languages : English, Marathi, Hindi

Here by I declare that the information given above is correct to the best of my knowledge and I shall bear the responsibility for the correctness of the above-mentioned particulars.

Place: Pune

Sanket Kisan Sanap