

Sagar Patil

DATA SCIENTIST

Navi Mumbai | +91 9011326463 | sdrajput30@gmail.com

PROFILE SUMMARY

- Data Scientist who wants to explore on global level by utilizing advanced tools and technologies.
- **1.2 Years** of relevant experience, as a **Data Scientist** in Cognizant.
- **1 years** of relevant experience, as a **Data Engineer** in Cognizant.
- **2 Years** of experience in Cloud Domain as a **AWS Administrator**.
- **3.9 years** of total experience in the **Telecom Domain**.
- Proficient in data analytics, predictive and Descriptive modelling in DS and ML with advance tools, libraries and algorithms.

TECHNICAL SKILLS

- Data Science – Data Wrangling, EDA , Feature Engineering, Feature Selection
- Supervised ML: Linear regression, Logistic regression, XGBoost, RF, KNN
- Unsupervised ML: K-means clustering
- Natural Language Processing (text processing)
- Generative AI and LLM
- Programming – Python, SQL
- Libraries - Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn , NLTK.
- Database – SQL,

PROFFESIONAL EXPERIENCE:

Data Scientist | Feb 2023 – Till Date.

Project and Assignment related to Data Science and Machine learning:

Sales Forecast Model using SARIMAX and LSTM(NZ):

- Objective was to build the end-to-end ML pipeline for predicting the future sale of the F and B client (NZ Based) for Spain and Taiwan market with > 80 % accuracy and design a framework for price optimization to maximize the sales.
- Part of the strategic pricing team which developed and executed end to end ML pipeline to forecast sales using time series forecasting models SARIMAX and LSTM with MAPE value 15 -20 % with > 80 % accuracies across product categories and geographies.

Data Engineer | April 2022 – Feb 2023.

- **Objective :** Consolidate data from multiple source systems into a central data warehouse to provide a unified view of the organization's data.
- **Technologies Used:** Apache Airflow, Databricks, Snowflake, Bitbucket
- **Tasks:**
 - 1) Data Ingestion: Use Airflow to schedule and manage data ingestion from CRM, ERP, and e-commerce platforms.
 - 2) Data Processing: Implement ETL jobs in Databricks to clean, transform, and aggregate sales data.
 - 3) Data Loading: Load processed data into Snowflake for efficient querying and analysis.
 - 4) Version Control: Use Bitbucket to manage and version control ETL scripts and workflows.
 - 5) Automation and Monitoring: Set up Airflow DAGs to automate ETL workflows and monitor pipeline health.

AWS Administrator | March 2020 – April 2022.

Responsibilities:-

- Create/Managing buckets on S3.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB and IAM).
- Setup and managed security groups, VPC' specific to environment.
- Created AMI images of critical EC2 instances as backup.
- Work experience on different AWS Services ike, EC2,S3,IAM,VPC,Cloud Watch,SNS,SQS

Telecom Domain | Jun 2016 – March 2020.

Responsibilities:-

- Involved in Project management,Site installation,Commissioning,all acceptance testings and technical support for Telecom Projects.
- Scheduling work to finish the project on time & ensuring the quality compliance.
- Installation and commissioning for the projects.
- Involved in conducting Site acceptance test, Trial runs as per the requirement of project. End to end planning, execution, deployment of projects.

PROJECT PORTFOLIO:

1. Project: - Fraud Transaction Detection.

Implemented a robust fraud transaction detection system using RF supervised learning algorithms. Train the model and achieve the accuracy of over 99% in identifying- fraudulent transaction and deployed the model AWS using docker.

Code Repository - <https://github.com/sagar0930/FraudTransaction>

2. Project - Hotel Review Analytics in NLP.

The Aim Of the project is to classify the customer review as a positive review or Negative review by using machine learning Natural language text processing technique.

Code Repository - [sagar0930/Delhi_Review \(github.com\)](https://github.com/sagar0930/Delhi_Review)

3. Project – EV Temperature Prediction

Implemented a machine learning project focused on developing algorithms for real-time temperature detection in electric vehicles (EVs). By leveraging sensor data and advanced modeling techniques, we created a predictive system capable of monitoring and managing temperature fluctuations within EV components. And deployed on AWS using docker.

Code Repository - https://github.com/sagar0930/EV_TempPredict

EDUCATION DETAILS

B.E. (E&TC) | June 2015 | 65.60 %| North Maharashtra University, Jalgaon (MH)

D.E. (E&TC) | June 2012 | 84.00 %| MSBTE, Mumbai (MH)

Secondary School |2006 | 79.89 %| Maharashtra State Board, Nasik(MH)

DECLARATION

I hereby declare that all my information furnished above is true and correct to the best of my knowledge and Records.

Place : Mumbai

Sagar Patil