

SAYAN DASGUPTA

INTRODUCTION | **Deliver Results** consistently. In my 4+ years of experience in Data Science, incl. 1.5 years in Program Management, I have thrived solving problems that call for both an analytical and a creative bent of mind.

EDUCATIONAL B.E. Power Engineering | Jadavpur University, Kolkata | 2012 – 2016

BACKGROUND MBA | IGNOU | 2019 – Present

SKILLS Analytics

Relational Database : PostgreSQL, Teradata | Dashboard dev : Flask, R Shiny | BI : Tableau, Excel

Machine Learning

Application : Regression | Classification | Time Series | Clustering

Algorithm : kNN | Perceptron | Naïve Bayes | Logistic Regression | Linear Regression | SVM

kD-Trees | Decision Trees | Bagging (RF) | Boosting (XGB) | ARIMA | k-Means |

Gaussian mixture models | Latent Dirichlet allocation (LDA) | Neural Networks

Language : Python {Numpy, Pandas, Matplotlib, Sklearn, Tensorflow, PySpark}, R

Cloud : AWS {S3, Athena, EC2, SageMaker}

Solution Design

Program Management

WORK Trainee Decision Scientist → Mu Sigma :: Oct '16 – Dec '16

EXPERIENCE Business Analyst → Tredence :: Feb '17 – Dec '17

Business Analyst → Affine :: Mar '18 – Oct '18

Program Manager, Analytics → Amazon :: Jan '19 – Jul '20

Analytics Consultant → Quantzig :: Oct '20 – Mar '21

PROJECTS Big Data : Data Ingestion – Storage – Processing | Describe business, identify inefficiencies, monitor change, measure impact of business ventures, generate actionable insights meant to drive continuous improvement.

Applied Machine Learning : Build – Host – Deployment of production scale ML models

Sales Forecast: *Planning & Strategy* | Ensemble forecasting via supervised learning for budget, resource allocation.

Market Mix Modelling: *Marketing* | Ascertain effectiveness, as roi, among several marketing channels on sales.

Recommendation Engines: *Sales* | Derived from shopper behavior, preference, & overlap with fellow shoppers.

Text Analytics & Topic Modelling: *CX* | Enhance shopping exp. by mining insights from customer feedback data.

Audit: *Pricing* | Improve customer price perception by auditing millions of price points daily on an e-commerce platform via machine intelligence (univariate outlier detection, binary classification into error v/s no-error etc.)

Information Design : Help business see and understand their data.

EDGE Causal Inference, Listening & Comprehension, Communication.