

# KalyanGogoi

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## Summary:

- Data & ML Engineer seeking robust AIML projects to elevate product performance.
  - Project Experience in Cloud tech and ML frameworks, Agile Project Methodologies.
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## Education:

- **MSc. Computer Science DSML**, Scaler-WOOLF (2024)
- Organizational training on SAFe Agile Project Management Framework: Scrum, Kanban and XP (2021)
- **PG Diploma-International Business Operations**, IGNOU (2016-17)
- **B.Tech** in Civil Engineering, **NERIST** (2015)

## Certifications:

- **GCP Professional ML Engineer** (in progress)
- **GCP Professional Data Engineer**
- **SQL**(Intermediate) Hackerrank
- **AZ-900** Azure Fundamentals
- **Python**(Basic) Hackerrank
- Online WIPO Certificate Course on **Intellectual Property** (2017)
- **Project Management**DX (2017)

## Skills and Knowledge:

- Python3/ SQL/ GCP-MLOps
  - BigQuery/ MySQL/ Snowflake
  - Cloud: GCP/ Azure/ AWS
  - Excel/ Tableau
  - OS: Windows/ Linux
  - JIRA
  - GDPR
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## Projects:

- **End to end Analytical tool development for Smart Pricing**  
Project role: Data & ML Engineer  
Roles & Responsibilities: Design and develop data architecture, data staging, harmonize and serving for a Bayesian Regression ML model used in RGM D&D, P&P analytical activities in CPG domain.  
Write TDD for Data migration, Manual ingestion and MLOps using BQML and TFX
- **Building Price Pack Architecture for CPG analysis**  
Project role: Data Engineer  
Roles & Responsibilities: Build and Execute data model for PPA on GCP and PBI, Maintain backend data in multiple environments and integrate production data with analytical tools, Data Lineage & Provenance
- **Building Text Summarization tool using GenAI**  
Hackathon project: Tool to assist project management documentation, summarize text from SRS document to create three deliverables i) Resource estimation, ii) Project timeline, iii) Cost Estimation using ChatGPT 3.5 API and integrate it with JIRA
- **Building Batch Pipelines on Google Cloud**  
Project role: Data Engineer  
Description: Batch data pipelines process large amount of offline data and ingests it with the help of ETL tools into Data warehouses for storage and analytics, columnar tables.  
Roles & Responsibilities: Extract, Load and Transform datasets using BigQuery, Dataproc, DataFlow, VM instances.
- **EDA on OTT dataset to give revenue projections and prospects**  
Project role: Data Analyst  
Description: OTT Business built on subscription model and recommendation systems. Datasets .csv of relevant OTT platforms provided in order to procure readable insights to increase customer base and business growth.  
Roles & Responsibilities: Data Analysis using Pandas, Seaborn. Find insights, plot and find relation among them to serve a business purpose.

- **Data Science projects**  
Supervised Learning projects-  
**Linear Regression** to predict chances for University admission – EDA, data processing, model building and explaining the statistics, Ridge and Lasso Regression, Model testing statistics.  
**Logistic Regression** to classify defaulters from given attributes of individual banking- EDA, Feature Engineering, Building Log Reg. model, Evaluate the model on ROC AUC curve, Precision Recall curve and Confusion Matrix.

## Experience:

- **Engineer** at Fractal Analytics Pvt Ltd, Mumbai(Remote) (22-05-2023 to present)  
-Data Engineering and MLOps in GCP (BQ,BQML,TFX)
  - **Junior Data Engineer** at Dono Consulting Pvt Ltd, Remote (01-04-2023 to 19-05-2023)  
-Data Wrangling, Data Strategy, Feature Engineering, BigData Spark setup, Azure web apps, BI Dashboards, Predictive and Prescriptive Analytics, Product Development(Python), MLOps, EdTech Content and LMS projects.
  - **Associate Software Engineer** at Microgenesis Techsoft, Bengaluru, Remote(28-06-2021 to 30-09-2022)  
-SDLC, Requirement Specification Management, Change Management, IBM tools DOORS Rational, Rhapsody(UMLD), JTS, DNG, CCM, QM, RPE(ReqIF,CSV), GCP(BigQuery).
  - **Group Leader (M03)** at Lumina Datamatics, Mumbai (09-09-2019 to 28-03-2020)  
- Conversational Commerce to accumulate data to train ML models in **JetBlack**, a pilot project incubated by **Walmart** for NYC HNI retail segment to deliver a fast pace shopping experience via text message(s).
  - **Project Management Trainee/Field Coordinator** at LINSKAN Advanced Pipelines & Tank Services UAE / India (08-01-2018 to 10-06-2019)  
- Data Analysis of inline oil and gas pipeline anomaly detection
  - **Project Engineer**(06-07-2015 to 30-06-2017)  
-Structural Engineering/Site-supervision.
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