

Kabyik Kayal

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Experience

GenAI Sales Intern

Second Brain Labs

(Remote) Bengaluru, IN

July 2024 – Sep 2024

- Executed targeted marketing campaigns using GenAI chatbots.
- Resulted in a 32% increase in qualified leads.

Projects

Hotel Booking Cancellation Predictor

[Github](#) — [Live](#)

- Developed a LightGBM model with 89% accuracy and 90% Recall to predict whether a customer will cancel their bookings or not.
- Implemented MLOps Practices by writing modular code, building jenkins pipelines for automated CI/CD and dockerizing the project.
- Deployed the docker image of the project to Google Cloud for a 24/7 access from anywhere.
- Tools Used: Python, MLFlow, Jenkins, Git, Docker, GCP

Customer Lifetime Value Predictor

[Github](#) — [Live](#)

- Developed XGBoost model with 91% accuracy for CLTV prediction.
- Implemented MLOps best practices by designing modular steps and pipelines using ZenML, improving workflow productivity by 40%.
- Deployed on Render server for worldwide access 24/7.
- Tools Used: Python, MLFlow, ZenML, Git, Render

Dashboard of Covid-19 with Data Analysis

[Github](#) — [Live](#)

- Performed in-depth analysis of global COVID-19 trends using SQL and Python.
- Created an interactive Tableau dashboard for visualizations.
- Published the Dashboard for 24/7 access.
- Tools Used: SQL, Python, Tableau

Technical Skills

Languages: Python, GO, SQL

Data Science & ML: Pandas, Scikit-learn, TensorFlow, XGBoost, LightGBM, MLFlow

Data Visualization: Power BI, Tableau, Matplotlib, Plotly, Excel

MLOps: ZenML, Jenkins, DVC, Docker, Git, AWS, GCP

Education

Indian Institute of Technology Madras (IITM)

Jun 2024 – Present

BS in Data Science and Applications

- Currently in last term of Foundation Level
- **Coursework:** Statistics, Mathematics, Computational Theory, Python, English