

<https://feynnlabs.com/>

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Chandmari, Guwahati

Assam -781003

Dear **Arindam Adhikari**,

Subject: Appointment in the position of **Machine Learning Intern**.

Feynn Labs Services is the B2B unit of Feynn Labs where we provide Artificial Intelligence integrated services like Market Analysis and Segmentation, Product Segmentation to Businesses, AI Products/Services Development, implementing Deep Tech under our Smart Regions Initiative etc.

Feynn Labs is primarily an **Artificial Intelligence Company** currently focusing on AI integration in Small and Medium Businesses and ensuring the providence of high-quality education in AI/Machine Learning.

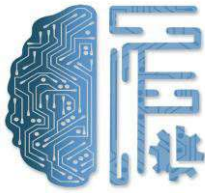
Our primary mission is to build a premier chain of institutes in India where students will experiment with and apply what they learn hand in hand.

This vision is implemented with our “**Project-based Top-Down Learning**” approach, focusing on some of the frontier technologies like Artificial Intelligence (AI), IoT, Augmented Reality (AR), Blockchain, Quantum Computing, etc.

With reference to your application and the subsequent interview you had with us, we are pleased to confirm your appointment as an executive under an Internship opportunity expanding over **2 months starting from 5th March, 2025 till 5th May, 2025** for the above-said position in **Feynn Labs Services** subject to the following terms and conditions.

You will be solely **working from home (online)**,
Under the guidance of a Project Mentor assigned by the company.

The Internship will commence on 5th March, 2025.



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Your job role would entail these tasks and operations:

Summary of role:

As a Machine Learning Intern working in Business Analytics and Market Research Domain, your role would be to assist the company in developing and implementing machine learning models to analyze medium/large datasets related to consumer behavior, market trends, and other relevant factors. You will work on tasks such as data cleaning and preprocessing, model selection and tuning, and visualization of results. You will be expected to work with various tools and technologies such as Python, R, SQL, and data visualization tools. Ultimately, your goal would be to help our organization make data-driven decisions and improve our market strategy.

You will be working on the following projects:

1. AI Product/Service Prototyping:

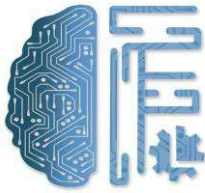
This is a Product Ideation task. Interns have to come up with a Product Idea which will primarily use Machine Learning & Artificial Intelligence to solve real world business problems and prepare a report on the abstract prototype/business model. The Report should be prepared as per some specific touchpoints where Problem Statements, Market Needs, Business Model of the Product and Product Design (abstract) are compulsory.

ML Models required: Any Machine Learning Model can be used as basis for the Product Idea.

Tentative Duration: 10 days

2. Market Segmentation using Machine Learning:

This project involves use of Machine Learning and Data Analysis techniques to segment Real World Business Markets and Industries based on market variables. This project



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will involve a study period of around 10 days and a Client Based Real World Market Segmentation Project of around 14-20 days.

ML Models required: K-means clustering, KNN, PCA, Neural Networks (optional) etc.

Tentative Duration: 24-30 days

3. AI Product/Service Business and Financial Modelling:

This project is a continuation of 1st Project and application of Market Analysis and Segmentation in 1st Project. Interns have to build a working prototype (in app or web form – IF PLAUSIBLE) along with developing a financial equation for their Product's Business Model after properly analyzing the associated Market, using Market Trend Forecasting and Market Segmentation.

ML Models required: K-means clustering, KNN, PCA, Time Series Analysis etc.

Tentative Duration: 7-10 days

NOTE: There will be buffer period of 5-10 days between each project assignment.

In addition, you will be given **exposure** through the management and technical tasks to help you upskill yourself and build your resume.

A **Certificate** will be provided to the intern by Feynn Labs upon the successful completion of the internship.

A **Letter of Recommendation** is also provided by the Head of Operations on excellence in performance.