

# Project Use Case & Deployment Confirmation Certificate

This is to formally acknowledge that the following student(s) from K.R. Mangalam University have successfully undertaken and completed an industry-based project under our mentorship, in alignment with the stated objectives and requirements of our organization.

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## Project Details:

- **Project Title:** MEDICAL INSURANCE PRICE PREDICTOR  
**Domain/Technology Used:** Machine Learning, Data Science, Python Programming, Streamlit Deployment
- **Industry Use Case / Business Problem Addressed:**
  - Traditional insurance premium calculations rely on static formulas that do not personalize premiums based on individual customer data like age, BMI, smoking status, and region.  
The project addresses the need for a data-driven, automated premium prediction system that improves accuracy, efficiency, and transparency in premium pricing for insurance companies.
- **Expected Outcome/Utility of the Project in Our Organization:**
  1. Automated prediction of medical insurance premiums based on customer-specific features.
  2. Improved accuracy and personalization in premium calculations, enhancing customer satisfaction.
  3. Reduction in manual errors and faster premium evaluation processes.
  4. Potential for integration into customer onboarding systems for dynamic pricing.

## Student Details:

### Name of Student Enrollment No. Program Year

ROLL NO.	NAME	PROGRAM YEAR
2301730259	KHUSHBU YADAV	2024-2025
2301730257	PRIYA DAGAR	2024-2025
2301730241	DHAIRYA JASHORIA	2024-2025

## Mentor Declaration & Disclaimer:

I, the undersigned, hereby declare that:

1. The above-mentioned project has been developed by the student(s) under my guidance and supervision.
2. The project addresses a real-world use case relevant to our organization.
3. The student(s) have demonstrated the ability to **successfully deploy the solution** in a functional or pilot-ready form.
4. The developed project has the potential to be adopted/implemented for the intended purpose within our organization.
5. All intellectual property rights, confidentiality, or proprietary rights, if applicable, are governed by our internal policies and this document does not transfer any such rights.

## Industry Mentor Details:

- **Name:** Dr. Sandeep Mehlawat
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- **Signature & Seal:**

