



# Automation Assignment: Monthly Assessment Marks Calculation using n8n

## Objective



Innomatics Research Labs aims to automate the process of **calculating monthly assessment marks** for all students.

The goal is to automatically compute each student's **average score** and determine whether they are **eligible for the placement drive**.

You are required to design and implement this automation workflow using **n8n**.

## Scenario

Innomatics wants to simplify the monthly assessment evaluation by:

- Collecting module-wise marks via **N8n Form**.
- Automatically calculating the **average marks**.
- Providing a status message based on performance:
  -  **Eligible** if average marks  $> 70$ .
  -  **Not Eligible** if average marks  $\leq 70$ , with suggestions on which modules need improvement.

## Task Steps

### Step 1: Create a N8n Form

Design a Google Form to collect marks for each module.

**For DA Students:**

Include the following modules:

- Python
- EDA
- SQL
- Power BI
- Advanced Statistics

### **For DS Students:**

Include the following modules:

- Machine Learning (ML)
- Artificial Neural Networks (ANN)
- Convolutional Neural Networks (CNN)
- Natural Language Processing (NLP)
- Generative AI (GenAI)

Each module should have a short-answer question for entering marks (e.g., “Enter your marks for Python”).

## **Step 2: Integrate n8n Form node in n8n**

Calculate the **average marks**:

## **Step 3: Add IF Node**

Use the **If Node** to compare the average marks:

- Condition: **average > 70**

- **True Path:** Send or display → “🎉 Congratulations! You are eligible for the placement drive.”
- **False Path:** Send or display → “⚠️ You are not eligible. Please focus on modules with lower marks.”

## Step 4: Output and Testing

- Test your workflow by submitting responses through the form.
- Ensure that the automation correctly evaluates and outputs the result.



## Submission Requirements

- Complete the task and post your **screen recording** in the **Discord group** before the next class.
- Every submission will be **recorded and evaluated** for marks and the **Final Internship Certificate**.



## Deadline

Please **complete and upload** your assignment in LMS **before the next class**.