Project Submission Guidelines

Module E: AI Applications – Individual Open Project
Each student must complete **FOUR (4) SEPARATE SUBMISSIONS**.

- All submissions are **mandatory**. Missing any one will be treated as **incomplete submission**.
- Any submission that does not strictly follow the below-mentioned formats and link specifications will lead to disqualification of the assignment.

Important Note (Read Carefully)
- The **Jupyter Notebook (.ipynb)** is the **PRIMARY evaluation artifact**
- Reports, slides, and demo video are **supporting artifacts**
- Follow the **file formats and sharing rules strictly**

- Non-compliance with format or access rules may lead to **mark deduction**

---

1. GitHub Repository (Primary Submission)

Submit: GitHub Repository Link
- The repository **must include a .ipynb notebook**, which will be considered the **main source of truth** for evaluation.

🔷Notebook (.ipynb) MUST Contain
- The notebook should be **well-structured** using **Markdown + Code cells**, and must include:

1. **Problem Definition & Objective**
   a. Selected project track
   b. Clear problem statement
   c. Real-world relevance and motivation
2. **Data Understanding & Preparation**
   a. Dataset source (public / synthetic / collected / API)
   b. Data loading and exploration

    c. Cleaning, preprocessing, feature engineering

    d. Handling missing values or noise (if applicable)

3. **Model / System Design**

    a. AI technique used (ML / DL / NLP / LLM / Recommendation / Hybrid)

    b. Architecture or pipeline explanation

    c. Justification of design choices

4. **Core Implementation**

    a. Model training / inference logic

    b. Prompt engineering (for LLM-based projects)

    c. Recommendation or prediction pipeline

    d. Code must run **top-to-bottom without errors**

5. **Evaluation & Analysis**

    a. Metrics used (quantitative or qualitative)

    b. Sample outputs / predictions

    c. Performance analysis and limitations

6. **Ethical Considerations & Responsible AI**

    a. Bias and fairness considerations

    b. Dataset limitations

    c. Responsible use of AI tools

7. **Conclusion & Future Scope**

    a. Summary of results

    b. Possible improvements and extensions

---

2. Project Report (Documentation Submission)

Submit: Google Docs Link ONLY

– Create a **neat and well-structured project report**

Maximum length: 2–3 pages

- Use the **provided report template** (will be shared)
- The report should summarize:
    - Problem statement
    - Approach
    - Key results
    - Learnings

Please Note: *Microsoft Word / PDF uploads are NOT allowed. Use Only Google Docs*

---

3. Project Presentation

Submit: Google Slides Link ONLY

- Create a **professional presentation**
- **Maximum: 10 slides**
- Slides should include:
    - Problem overview
    - System design
    - Demo snapshots
    - Results
    - Key learnings
    - LLM evaluation (if applicable)

Please Note: *PowerPoint (.ppt / .pptx) uploads are NOT allowed* 🚫*, Use Only Google Slides*

---

4. Demonstration Video

Submit: Direct Video File Link

Record a **project presentation/demo using Zoom**

- **Duration: 5 to 8 minutes**
- Explain:
    - Problem
    - Working of the system
    - Output/results

Upload the video to Google Drive

Share the **VIDEO FILE LINK directly**

🚫Do **NOT** share folder links/Do **NOT** share Drive home links

Sharing & Access Rules (MANDATORY)

For **ALL submissions** (Docs, Slides, Video):

✔️Sharing permission must be set to: **"Anyone with the link → Viewer"**

🚫**Private links** 🚫 **Restricted access** 🚫 **Institute-only access** will not work

If mentors/TAs cannot open the file → marks will be deducted

Final Checklist (Before Submission)

GitHub repo link shared

- .ipynb contains full project details
- Google Doc report link shared
- Google Slides presentation link shared
- Direct video file link shared
- **All links accessible to "Anyone with link"**