

Presentation Instructions

All project teams must follow the structure below for the final presentation. These updated guidelines consolidate prior instructions with new professor directives for clarity, flow, and professionalism.

General Expectations:

- Dress Code: No casual clothing (e.g., no shorts or t-shirts). Business casual minimum.
- Time Limit: 15 minutes total (aim for ~13 minutes of content + ~2 minutes Q&A).
- Technical Content: Keep technical deep-dives in appendix slides—only summarize in the main deck.
- Clarity & Flow: Follow the storyline below to ensure smooth communication across all team members.

1. Company & Project Introduction (1 minute)

- Company name, industry, and what it does
- Your project's scope within that organization
- Why this project matters (strategic or operational impact)

2. Business Problem & Its Importance (2 minutes)

- Define the core **business problem**: What pain point are you solving?
- Why does this matter to the company?
- What are the **business objectives** and **success criteria**? (e.g., user engagement, accuracy, time savings, cost reduction)

3. Technical or Analytical Problem Statement (1-2 minute)

Tailor this based on your project focus:

- **Analytics Projects:**
 - Analytical goal (e.g., classification, regression, clustering)
 - Target variable and key features
 - Analytical success criteria (e.g., accuracy, F1 score, MAPE)
- **Dashboarding Projects:**
 - Key metrics and insights the dashboard should expose
 - Why this visualization helps the business
- **Development Projects:**
 - Define the **technical challenge**
 - Development success metrics

4. Data Overview / Development Stack (2 minutes)

Again, tailor based on project type:

- **Analytics/Dashboarding:**
 - Source(s), volume, and nature of your dataset(s)
 - Any preprocessing: feature engineering, missing value handling, etc.
 - Challenges: sparse data, noise, class imbalance, etc.

- **Development:**
 - Frameworks, tools, libraries used
 - Architecture and major components
 - Challenges in integration, debugging, performance, etc.

5. Solution Walkthrough (3 minutes)

- Broad **solution approach**: high-level methodology or architecture
- **Detailed solution steps**:
 - For analytics: model selection, validation process
 - For dashboards: layout, interactivity, filters
 - For dev: modules built, pipelines, APIs used
- Show **diagrams, flowcharts, UI screenshots** here—keep code for appendix

6. Challenges & Learnings (2 minutes)

- **Technical**: model tuning, system limitations, integration bugs
- **Business**: shifting requirements, feedback loops
- **Soft skills**: teamwork, stakeholder communication, time management

7. Future Scope / Recommendations (1 minute)

- What would you improve next?
- What does the company need to implement or change long term?

8. Appendix

Use this space to include:

- Detailed tables
- Code snippets
- Validation metrics
- Architecture diagrams
- Any stakeholder quotes or interview findings

9. Q&A (2 minutes)

Be ready to:

- Clarify technical choices
- Justify business impact
- Discuss team contributions and decisions

Reminders

- Stick to the **storyline**, not just listing tasks.
- Avoid reading off slides—**rehearse smooth transitions** between speakers.
- Practice timing. Make sure you finish with at least 1–2 minutes to spare for Q&A.
- Think like a consultant: **How does this solution help the business?**