

# Project Instructions — Today's Project Contribution

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**Lifecycle Stage:** Problem Framing & Scoping **Project Objective:** Define real-world problem, clarify stakeholder goals; establish constraints, assumptions, and scope.

## Today's Task

Today you'll complete a piece of your full data project. This task aligns with **Problem Framing & Scoping**, where you will:

- Restate your project objective in your own words and make it stakeholder-centered.
- Add to your existing project repo (or create and initialize it).

By the end of this assignment, your project should include the elements listed below.

## Deliverable Options

### Required

- **Short project summary (1–2 paragraphs):** What problem are you solving and why does it matter?
- **Stakeholder persona or context description:** Who will use your results? What do they care about?
- **GitHub repo created and shared:** This is your working space. Share both via Google Drive and GitHub link.

### Optional (choose one format)

- Stakeholder memo (markdown): A short brief as if sent to a client or team lead.
- Framing slide (1-pager): Visual explanation of your project for a non-technical stakeholder.
- Code comments: At the top of your notebook, explain the problem and goals.

## How This Fits Into Your Final Project

Your work today builds toward a complete, end-to-end project.

### Before next class:

- Save your files in the appropriate folders (`/data/`, `/src/`, `/notebooks/`, `/docs/`).
- Commit and push your changes to your GitHub repo.
- Review any assumptions, risks, or notes — these will carry across your stages.

By the end of the course, your full project will follow the complete lifecycle.

## Explicit Chain

**In your homework, you produced** a scoping paragraph, an initialized repo, and a stakeholder artifact. **Now, you will adapt** those into your persistent project README and `/docs/` materials, ensuring the mapping from goals → lifecycle stage → deliverables is clearly documented.

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