CHAPTER 9: END-OF-TERM PROJECT PRESENTATIONS AND CLOSING

(Week 14: Evaluation)

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1. PRESENTATION DAY MANAGEMENT

1.1. Time Management

- **Duration:** 10 Minutes Presentation + 5 Minutes Q&A.

1.2. Presentation Format

Friends, I do not want you to project code onto the screen and read it line by line. Tell me the story.

- **Wrong:** "I did a `dropna` here, then I did a `groupby` ..." (Boring).
- **Right:** "There was 20% missing data here. Since the data was normally distributed, I filled it with the mean. As a result, I obtained this chart..." (Impressive/Engaging).

2. EVALUATION CRITERIA (Rubric)

Criteria	Points (100%)	Description
1. Problem Definition	10	Which data did you choose? What is the goal? (e.g., "Diagnosing Diabetes").
2. Data Preparation (EDA)	30	Did you clean the data? Did you visualize it? Did you understand the data?
3. Modeling	30	Did you choose the correct algorithm? (Regression vs. Classification distinction). Did you measure success correctly?
4. Presentation Skills	20	Do you master the topic? Are the Slides/Notebook organized? Does the code work?
5. Q&A	10	Did you give logical answers to the professor's questions?

3. PRESENTATION TEMPLATE FOR STUDENTS

Slide/Notebook Flow:

1. **Cover:** Project Name, Student Name.
2. **Scenario:** "I am a Real Estate Consultant, and I want to tell my client how much their house is worth." (**Role-play**).

3. **About the Data:** "I have 10,000 rows of data. The columns are..."
4. **Findings (Charts):** "Look, sea-view houses are 50% more expensive." (Maximum 3 striking charts).
5. **Model:** "I used Random Forest because the data was complex."
6. **Conclusion:** "My model works with 90% accuracy. Our error margin is ±10,000 TL."