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| Week | Topic | Reading | Exercises |
| 1 | Introduction | IDV Chapter 1 | Ch 1, Quiz 1, Project: Learn Tableau |
| 2 | Data Foundations | IDV Chapter 2 | Ch 2, Quiz 2 |
| 3 | Human Perception and Information Processing | IDV Chapter 3 | Quiz 3 |
| 4 | Visualization Foundations | IDV Chapter 4 | Ch 3&4, Quiz 4 |
| 5 | Visualization Techniques: Spatial Data | IDV Chapter 5 | Quiz 5, Project: Using the Tools (Tableau/Power BI) |
| 6 | Visualization Techniques: Geospatial Data | IDV Chapter 6 | Ch 5&6, Quiz 6 |
| 7 | Visualization Techniques: Time-Oriented Data | IDV Chapter 7 | Quiz 7, Project: Practice Techniques |
| 8 | Visualization Techniques: Multivariate Data | IDV Chapter 8 | Quiz 8 |
| 9 | Visualization Techniques: Trees, Graphs, and Networks | IDV Chapter 9 | Ch 7-9, Quiz 9 |
| 10 | Text and Document Visualization | IDV Chapter 10 | Ch 10, Quiz 10, Project: Practice Techniques |
| 11 | Interaction Concepts | IDV Chapter 11 |  |
| 12 | Interaction Techniques | IDV Chapter 12 | Ch 11&12, Quiz 11 |
| 13 | Designing Effective Visualizations | IDV Chapter 13 |  |
| 14 | Comparing and Evaluating Visualization Techniques | IDV Chapter 14 | Ch 13&14, Quiz 12, Final Project |