

## CHAPTER OVERVIEW

### Chapter 12 Lecture Notes

Objectives for Chapter 12:

- 1) Analyze matched pair data to determine if there is “correlation” between the matched pair  $(x, y)$ .
- 2) Determine if the correlation is linear.
- 3) Use the linear correlation result to predict  $y$  value give a  $x$  value.

[Ch 12.2 and 12.4 Scatter Plot and Correlation](#)

[Ch 12.3 and Ch 12.1 Linear regression](#)

[Ch 12.5 Prediction](#)

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