Chapter 1 - Intro

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# *Brief History of Statistical Learning*

- Time: methods
  - ➤ 19th century: least squares → earliest form of linear regression
  - ➤ 1936: predict qualitative values → linear discriminant analysis
  - ➤ 1940: alternative for predicting qualitative values → logistic regression
  - ➤ Early 1970s: describe an entire class of statistical learning methods for linear and logistic regression → generalized linear model
  - ➤ Mid 1980s: increasingly improved computation power → classification and regression trees
  - ➤ Late 1980s: Generalized Additive Models
  - ➤ 1980s: Neural Networks
  - ➤ 1990s: support vector machines