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Hypothesis Testing II: z tests, t tests, and confidence intervals

Introduction to Data Science Algorithms
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Same Story

- Form a hypothesis
- Get some data
- Compute test statistic
- Reject hypothesis if *p*-value low enough

Important difference

- Assumes data come from normal distribution
- Can cause problems if diverges too much normal
- (How can you tell?) χ^2 goodness of fit

Histogram of observed and theoretical frequencies