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Derivation of gracient descent.

1. T(\theta) = \frac{1}{m} \sum_{i=1}^{m} (h_{\theta}(x^{ij}) - y^{ij})^2
= \frac{1}{n^2} \sum_{i=1}^{m} (h_{\theta}(x^{ij}) - y^{ij})^2
= \frac{1}{m} \sum_{i=1}^{m} \frac{1}{n^2} \frac{1}{n^2} (h_{\theta}(x^{i}) - y^{i})^2
= \frac{1}{m} \sum_{i=1}^{m} \frac{1}{n^2} \frac{1}{n^2} (h_{\theta}(x^{i}) - y^{i})^2
= \frac{1}{m} \sum_{i=1}^{m} (h_{\theta}(x^{i}) - y^{i}) \frac{1}{n^2} \frac{1}{n^2} \frac{1}{n^2} (h_{\theta}(x^{i}) - y^{i})
= \frac{1}{m} \sum_{i=1}^{m} (h_{\theta}(x^{i}) - y^{i}) \frac{1}{n^2} \frac{1}{n^2} \frac{1}{n^2} (h_{\theta}(x^{i}) - y^{i})^2
= \frac{1}{n^2} \sum_{i=1}^{m} (h_{\theta
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reference: Stanford CS229 Lecture Notes.