Selection Sort – Random Initialization

- The 11 data points indicate an O(n²)
 relationship between list length and sorting
 time. The quadratic trendline fits the data with
 an R² value of .9983.
- Prediction for the time required for Selection
 Sort to sort a randomly initialized list of length
 10,000,000: y(10000000)=101007.8059 seconds
 or 28.05

