2016 Ford Mustang Shelby GT350R

In 2016, Road & Track magazine tested eight very expensive and very fast cars to determine the Performance Car of the Year. Data from an acceleration test for a 2016 Ford Mustang Shelby GT350R are given in the table below. (The Mustang did not win the award that year.) Since the data were collected in the United States, the milestone speeds were chosen as multiples of 10 mph. For your convenience, these speeds were converted to SI units. In the space below, make a scatterplot of speed (in meter per second) vs. time (in seconds), then add a best fit curve.