

Demo: Performing a One-Sample t Test Using the t Tests Task

Use the t Tests task to test whether the mean sale price is \$135,000 in the **ameshousing3** data set.

1. In the Navigation pane, select **Tasks and Utilities**.
2. Expand **Tasks**.
3. Expand **Statistics** and select the **t Tests** task.
4. Select the **stat1.ameshousing3** table.
5. Assign **SalePrice** to the Analysis variable role.
6. On the OPTIONS tab, set the **Alternative hypothesis: $\mu^=$** to **135000**.
7. Clear the option to conduct **Tests for normality**.
8. Expand **PLOTS** and use the drop-down list to choose **Selected plots**. Select **Confidence interval plot**, in addition to the Histogram and box plot, and Normality plot defaults.
9. Click **Run**.

Generated Code

```
ods noproctitle;
ods graphics / imagemap=on;

/** t Test **/
proc ttest data=STAT1.AMESHOUSSING3 sides=2 h0=135000 plots(only
    showh0)=(summaryPlot intervalPlot qqplot);
    var SalePrice;
run;
```