

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

Use the t Tests task to test whether the mean sale price is the same for homes with masonry veneer and those without.

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. On the DATA tab, under ROLES, use the **t-test** drop-down list to select **Two-sample test**.
6. Assign **SalePrice** to the Analysis variable role.
7. Assign **Masonry_Veneer** to the Groups variable role.
8. On the OPTIONS tab, clear the option to conduct **Tests for normality**.
9. 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.
10. Click **Run** to submit the generated code.

Generated Code

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

/** t Test */
proc ttest data=STAT1.AMESHousing3 sides=2 h0=0 plots(only showh0)=(summaryPlot intervalPlot qqplot);
  class Masonry_Veneer;
  var SalePrice;
run;
```