

User Guide for ShinyPET: A Predictive, Exploratory and Text RShiny Application

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User Guide for Shiny PET

1. Landing Page

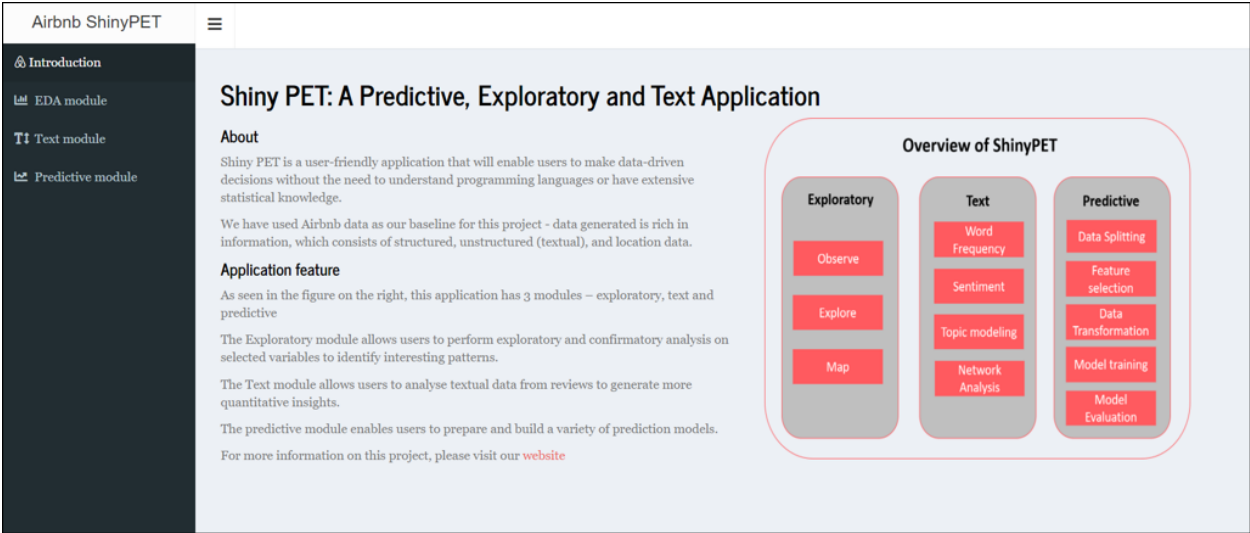


Figure 1: Landing page of Shiny PET

The landing page of the application provides a brief background for this application, its features and overview of its navigation.

2. Exploratory

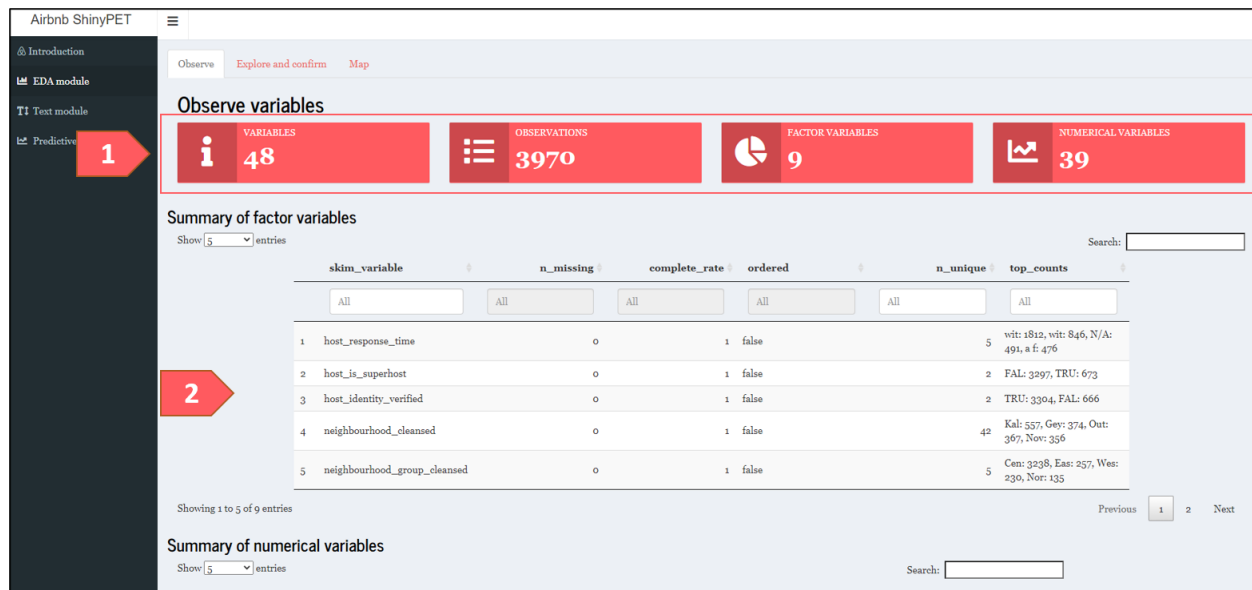


Figure 2: Observe tab of Explore module

2.1 Observe

[1]

[2]

2.2 Explore and Confirm

This tab allows users to perform exploratory and confirmatory analysis.

[1] Select chart type.

[2] Select the variables that you are interested in analysing.

[3] This changes the background of the graph.

[4] The type of statistical tests are automated based on user's x and y variables. Simply select the variables you wish to analyse.

If p-value is less than the alpha (1 - confident interval), you reject the null hypothesis and accept the alternative hypothesis.

[5] Hover over chart to view details.

2.3 Map

3. Text

4. Predictive

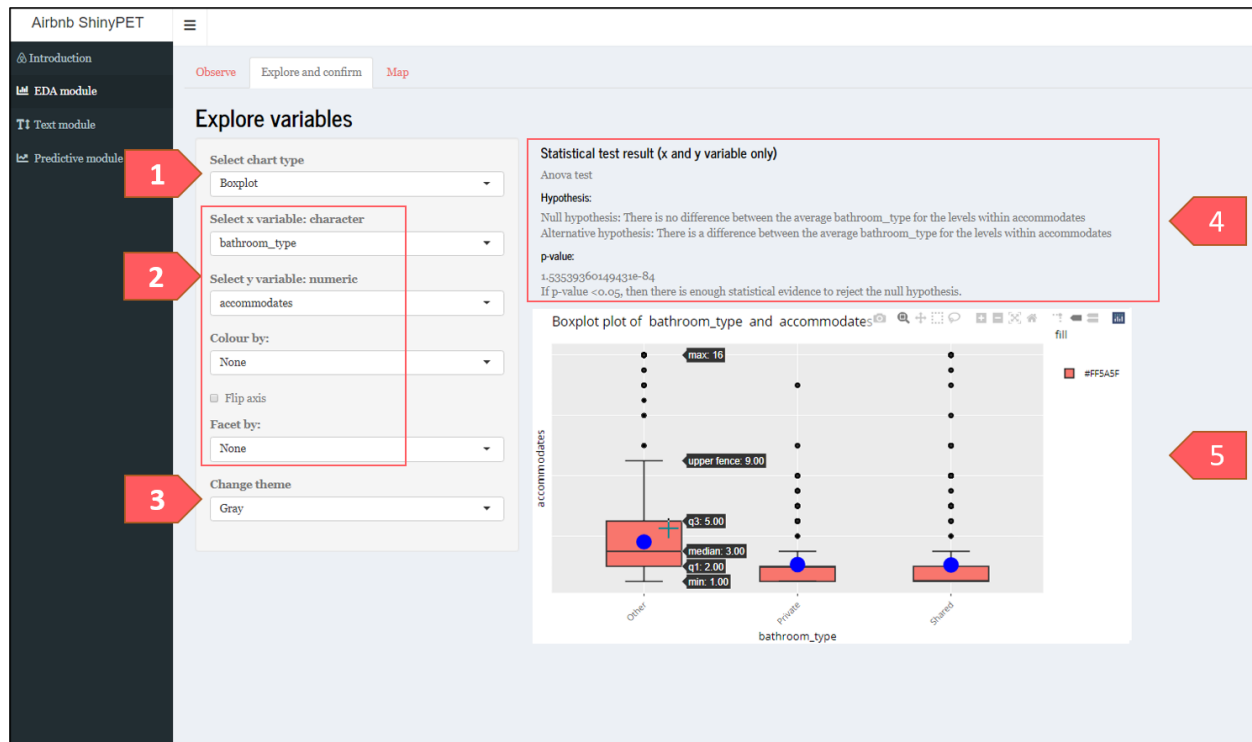


Figure 3: Explore and Confirm tab of Explore module

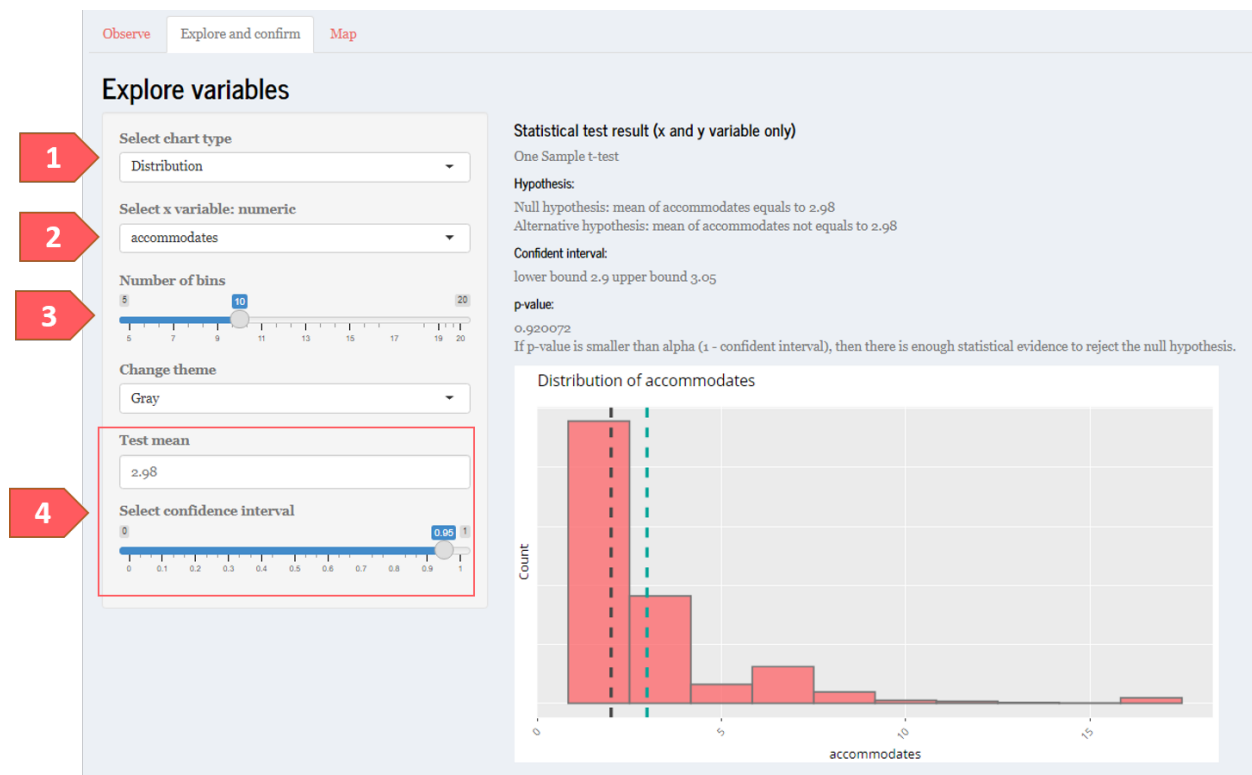


Figure 4: Explore and Confirm tab of Explore module