

Inference in Excel QuickStart 1

Assemble an Inference in Excel Document

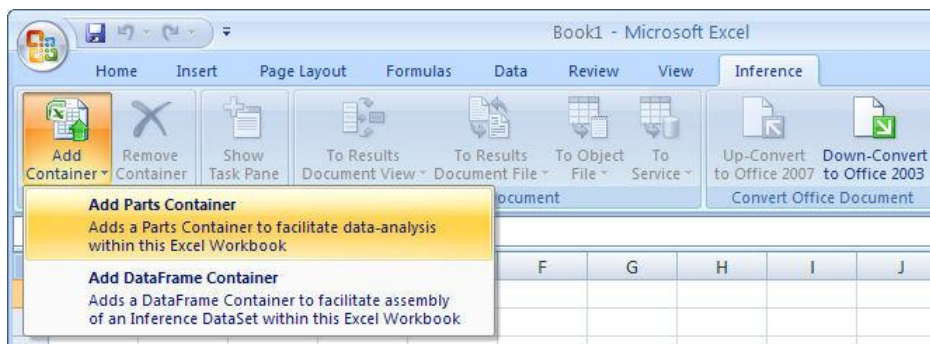
Inference in Excel QuickStart 1 shows you how to:

- Add R code to an Inference in Excel document.
- Generate a results document that displays the output from your R code.

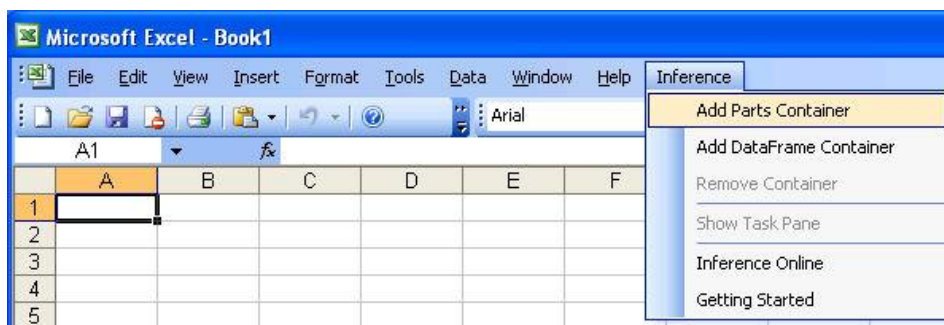
1. Add an Inference Parts Container

An Inference in Excel document is a standard Excel document plus an embedded Parts Container. To add a Parts Container to an Excel document:

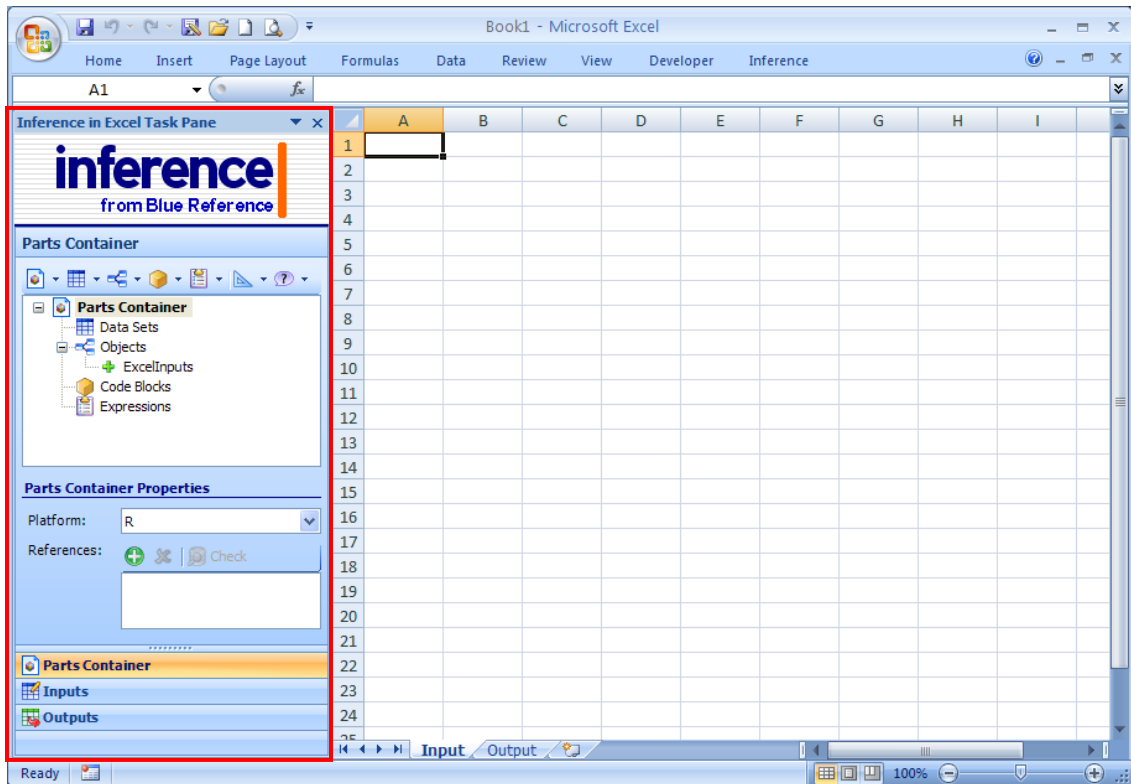
1. Open or create a new Excel document.
2. In Excel 2007: Click the **Inference** tab on the Excel Ribbon. Click **Add Container**, then select **Add Parts Container**.



In Excel 2003: On the **Inference** menu, select **Add Parts Container**.



3. The **Inference in Excel Task Pane** will appear:

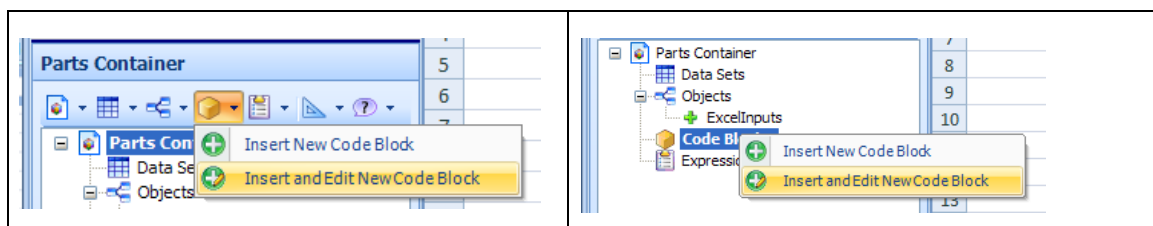


Note: The **Inference in Excel Task Pane** has 3 sections. In this QuickStart, we will work only in the **Parts Container** section.

1. Add R Code

To add R code to your document, create a Code Block:

1. From the **Parts Container** toolbar, select the **Code Blocks** drop-down menu, then choose **Insert and Edit New Code Block**. (Or, you can right-click **Code Blocks** in the **Parts Container** tree.)



2. In the Code Block Editor, insert the following three lines of code:

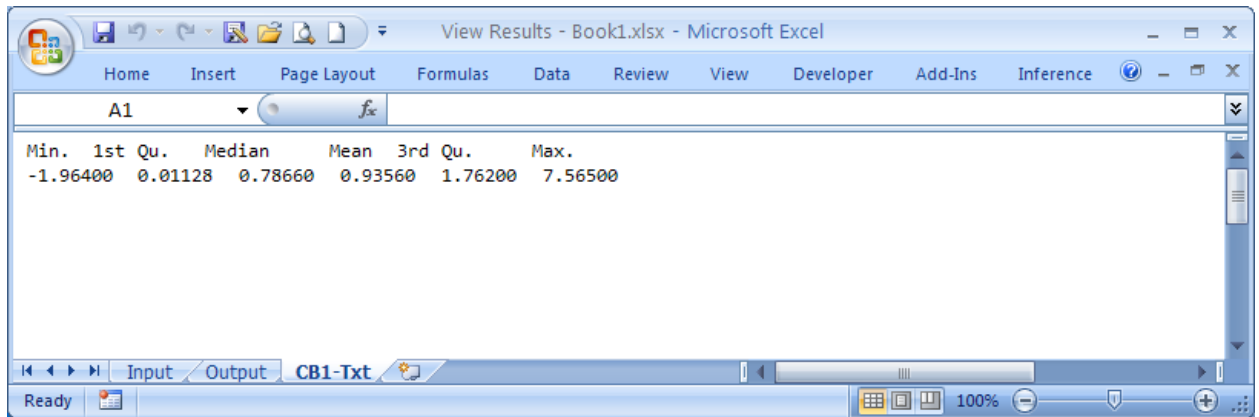
```
x <- rnorm (100)
y <- x**2 + rnorm (100)

summary(y)
```

3. Click **Done**.

4. View the Results

1. Save the document.
2. In Excel 2007: Click the **Inference** tab on the Excel Ribbon.
In Excel 2003: Click the **Execute Document** button at the bottom of the Inference in Excel Task Pane.
3. To view the results as a Microsoft Excel document, select **To Results Document View > Microsoft Excel View**.
4. The results document contains a sheet, labeled CB1-Txt, with the results from the R code.



Note: The use of the Input and Output worksheets will be illustrated in subsequent QuickStarts.