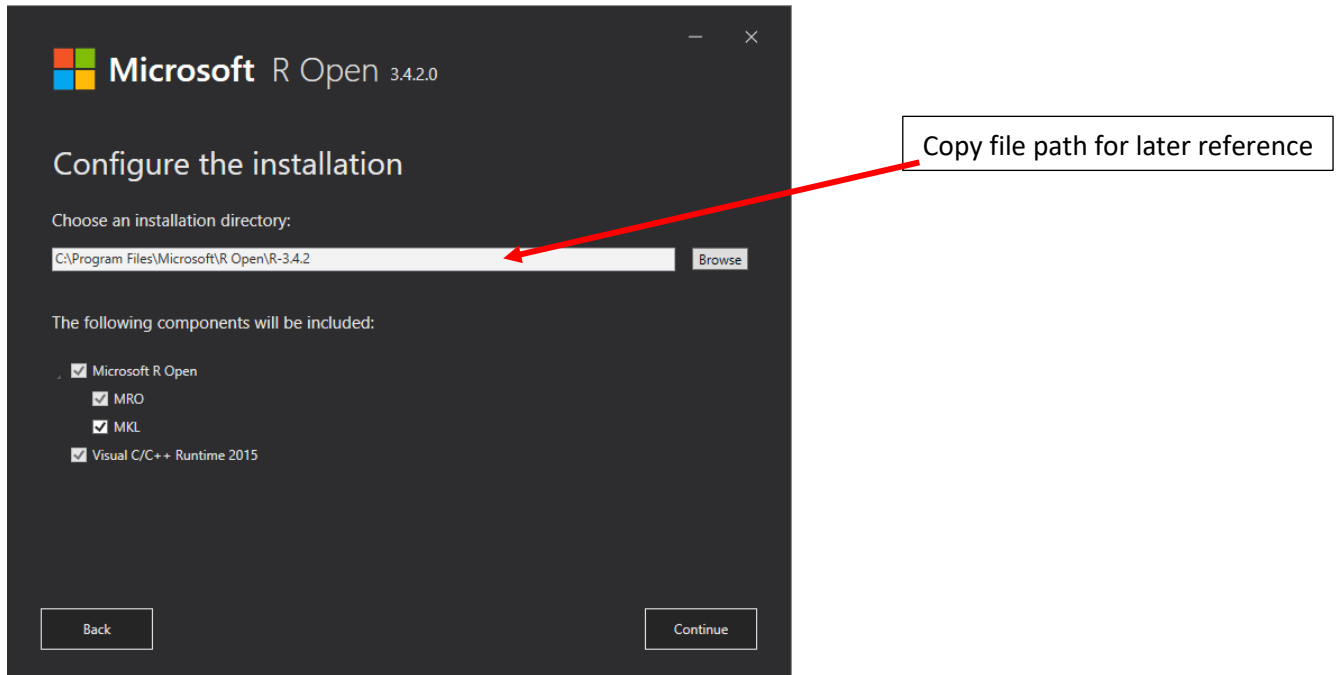


R and Python Installation Guide

This guide explains how to install R and Python on Windows and link these programs to PowerBI.

Step 1 Install R and R Studio

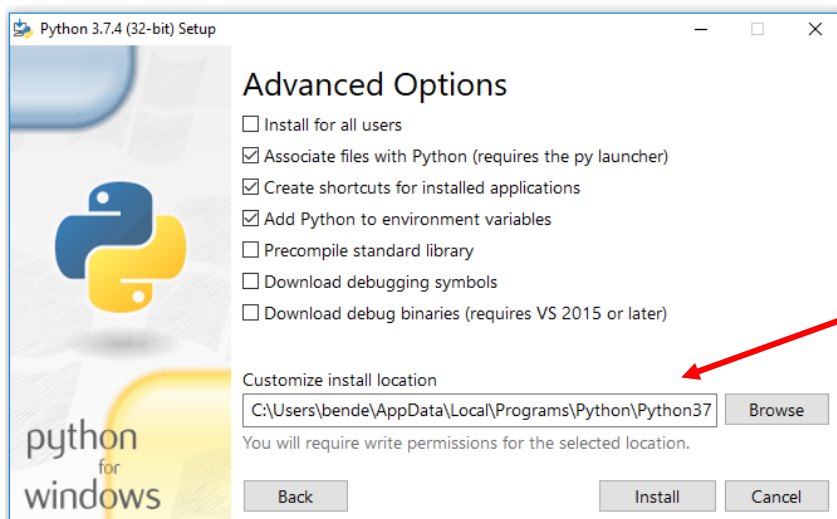
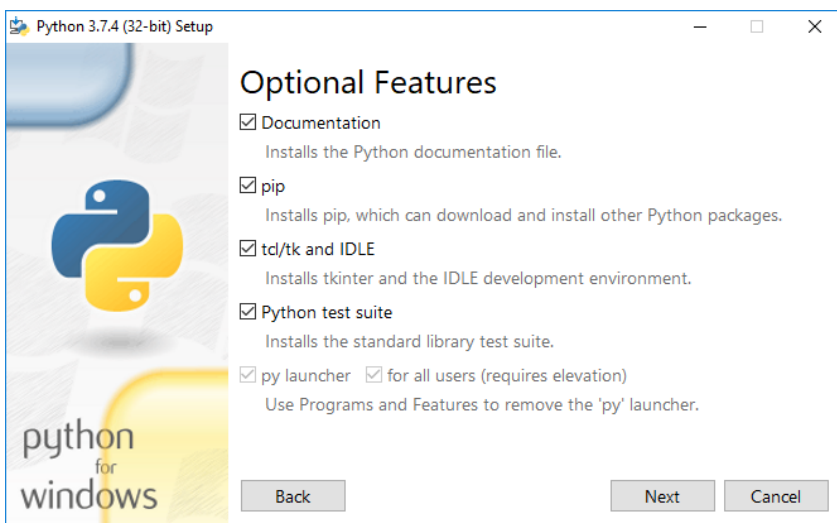
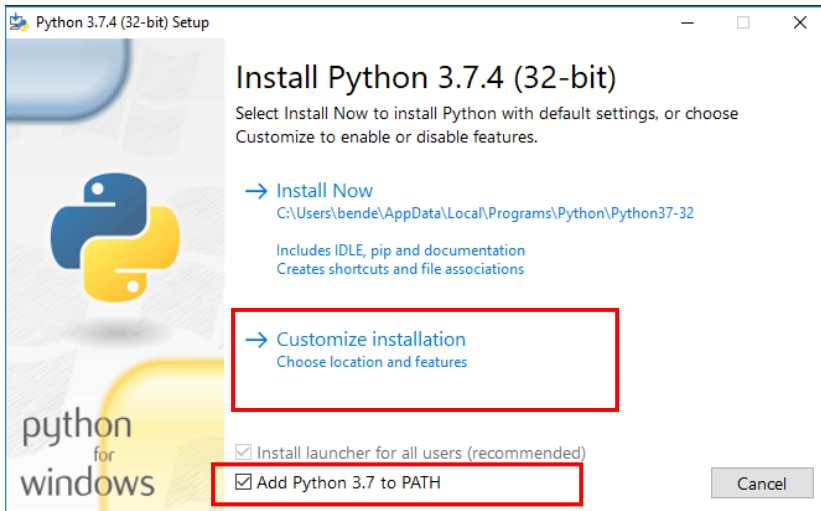
1. **Download R.** Go to this link and <https://mran.microsoft.com/download/download-platforms> download the latest version of Microsoft R Application Open.
2. **Install R.** Install R from download. Copy file path for later reference (see below)



3. **Download RStudio.** Go to this link <https://rstudio.com/products/rstudio/download/> and download the latest version of RStudio Desktop (free).
4. **Install RStudio.** Install R Studio from download.

Step 2 Install Python

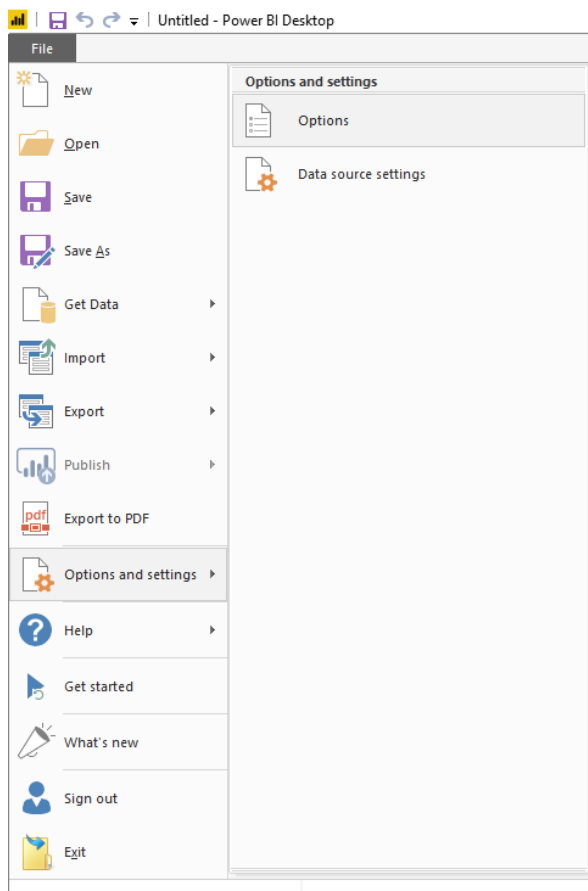
1. **Download Python.** Go to this link and <https://www.python.org/downloads/> download the latest version of Python.
2. **Install Python.** Install Python from download. Check Add Python to PATH and custom installation. Keep additional boxes checked. Copy file path for later reference. See screen shots below



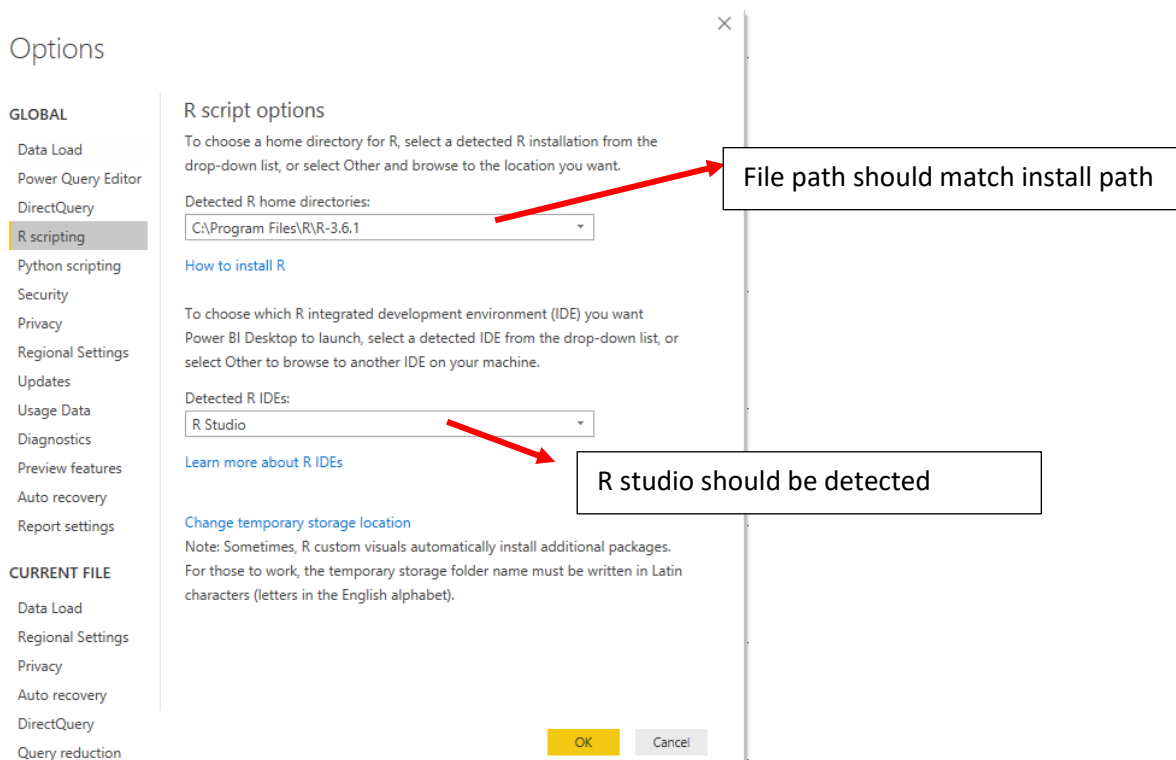
Copy file path for later reference

Step 3 Link to PowerBi

1. Open PowerBi. Go to File>Options and Settings>Options



2. In Options select R scripting. The File path should automatically be detected and be same as shown during install (Step 1). If not then copy in the correct path. R IDE should automatically detect R Studio



3. In Options select Python scripting. The File path should automatically be detected and be same as shown during install (Step 1).

The screenshot shows the 'Options' dialog box with the 'Python scripting' option selected in the left-hand menu. The main area is titled 'Python script options' and contains instructions for selecting a Python installation. A dropdown menu under 'Detected Python home directories:' shows the path 'C:\Users\bende\AppData\Local\Programs\Python\Python...'. A red arrow points from a text box to this dropdown. Below this, there is a section for 'Detected Python IDEs' with a dropdown showing 'Default OS program for .PY files'. At the bottom are 'OK' and 'Cancel' buttons.

Options

GLOBAL

- Data Load
- Power Query Editor
- DirectQuery
- R scripting
- Python scripting**
- Security
- Privacy
- Regional Settings
- Updates
- Usage Data
- Diagnostics
- Preview features
- Auto recovery
- Report settings

CURRENT FILE

- Data Load
- Regional Settings
- Privacy
- Auto recovery
- DirectQuery
- Query reduction
- Report settings

Python script options

To choose a home directory for Python, select a detected Python installation from the drop-down list, or select Other and browse to the location you want.

Detected Python home directories:

C:\Users\bende\AppData\Local\Programs\Python\Python...

[How to install Python](#)

To choose which Python integrated development environment (IDE) you want Power BI Desktop to launch, select a detected IDE from the drop-down list, or select Other to browse to another IDE on your machine.

Detected Python IDEs:

Default OS program for .PY files

[Learn more about Python IDEs](#)

[Change temporary storage location](#)

Note: Sometimes, Python custom visuals automatically install additional packages. For those to work, the temporary storage folder name must be written in Latin characters (letters in the English alphabet).

OK Cancel

File path should match install path