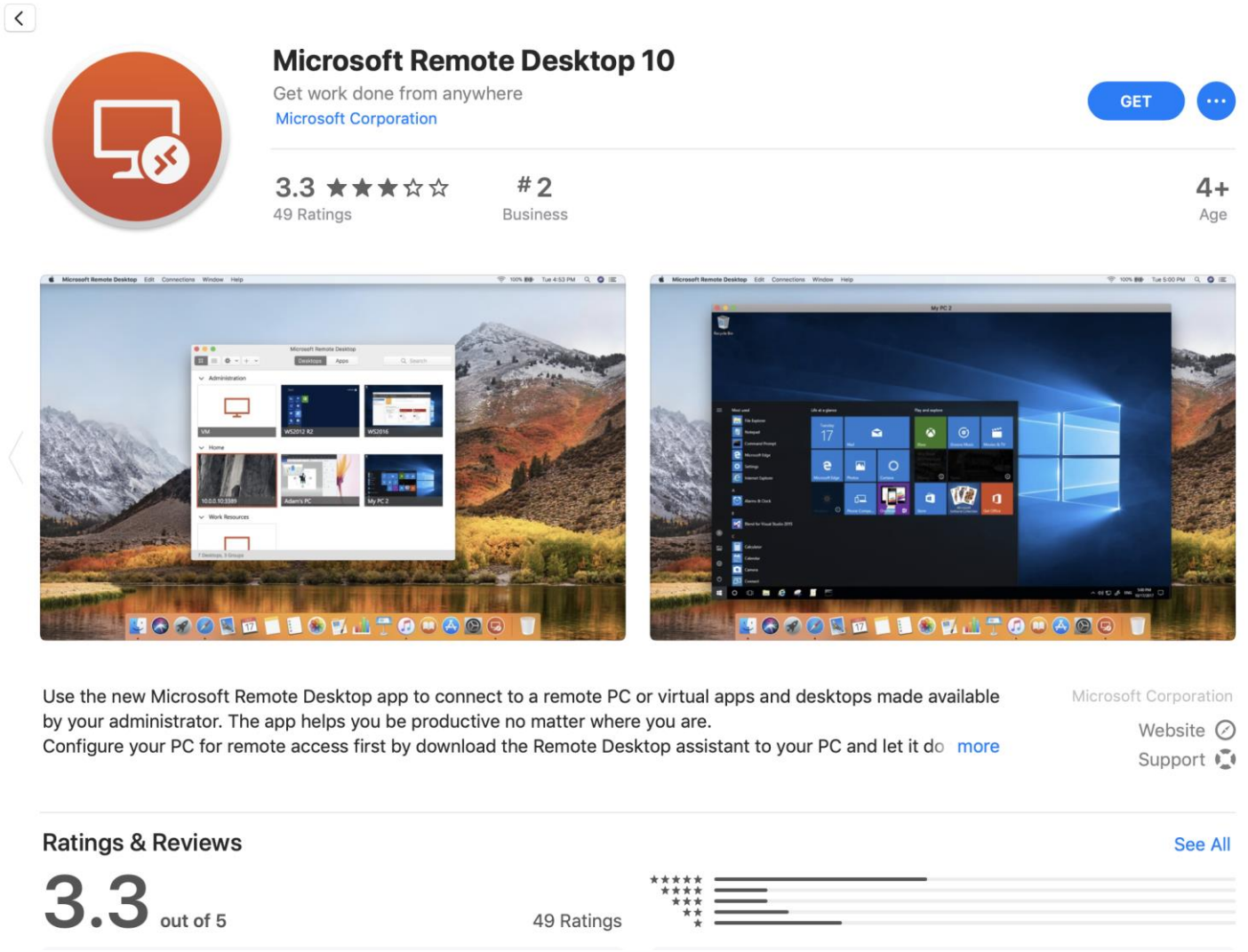
Welcome to the 2019 Melbourne Business Analytics Datathon

Mac - Remote Desktop Installation

Go to the app-store on your Mac and search for Microsoft Remote Desktop 10

It should look like the image shown

Install this and you are ready to configure your connection on the day of the Datathon



Mac - Remote Desktop configuration – on the Day

Click “plus” button to add a new connection

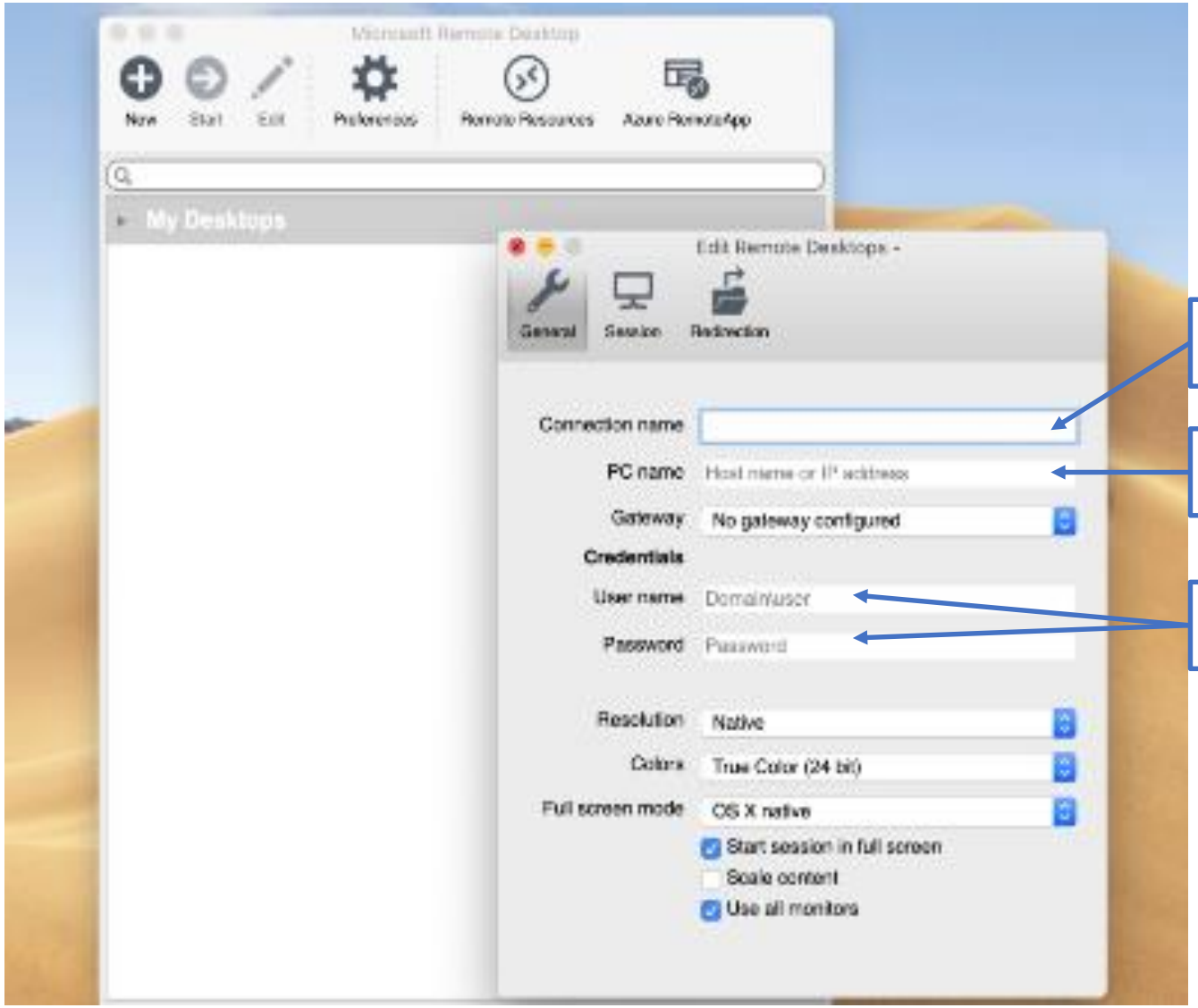
The Datathon advice email will contain the computer name or IP address, username and password for your remote desktop connection

Add any name you like in the connection name

In PC name type the IP address or computer name

Username and Password fields enter the remote access credentials supplied in the same email

Once you have saved this it will appear in the connection list



Type the connection name such as Datathon or your team name

Type the network address or computer name provided in your Datathon email

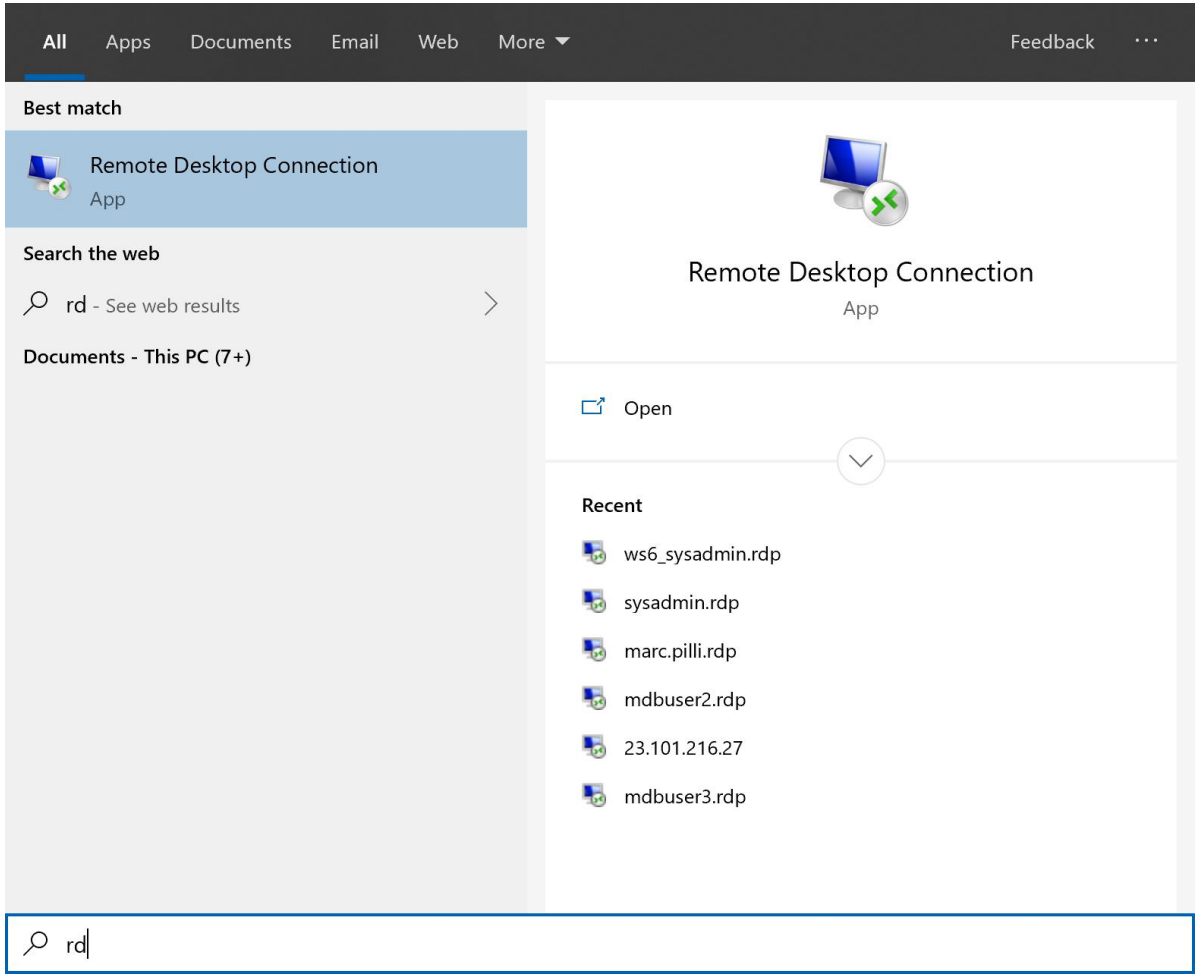
Type the username and password provided in your Datathon email

PC - Remote Desktop configuration – on the Day

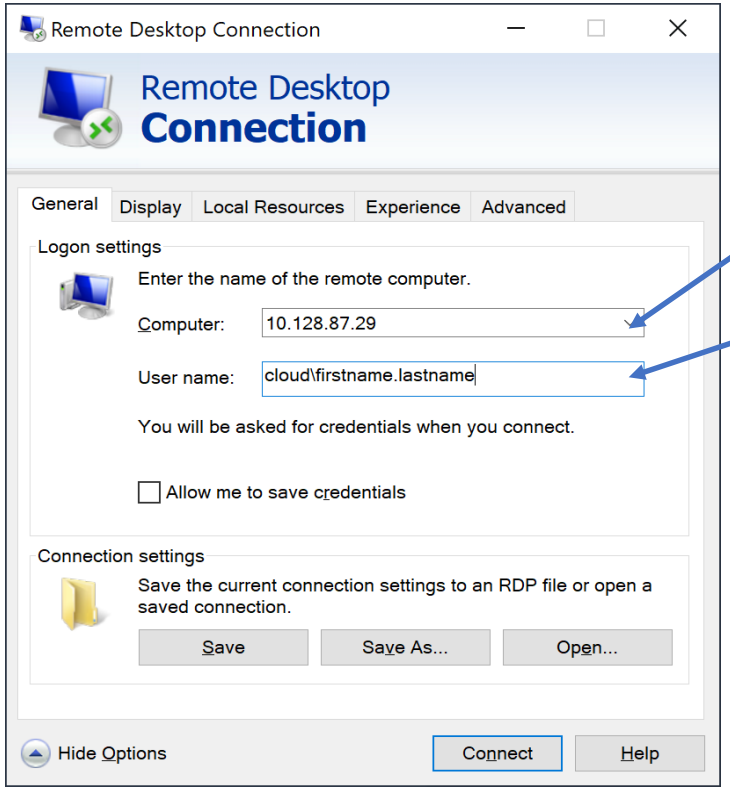
All windows versions come pre-installed with a remote desktop app.

Click the start button and type the “RDP” command the Remote desktop connection app will appear

Note: Older windows versions may need you to use MSTSC id RDP does not work



PC - Remote Desktop configuration – on the Day



1. Type the network address or computer name provided in your Datathon email

2. Type the username provided in your Datathon email

FIGURE 1

In the Computer field type the IP address or computer name provided in your Datathon advice email

In the Username field enter the username supplied in the same email

Now click save-as, give the connection any name you like and make sure you save it to your desktop

3. Type the connection name such as Datathon or your team name

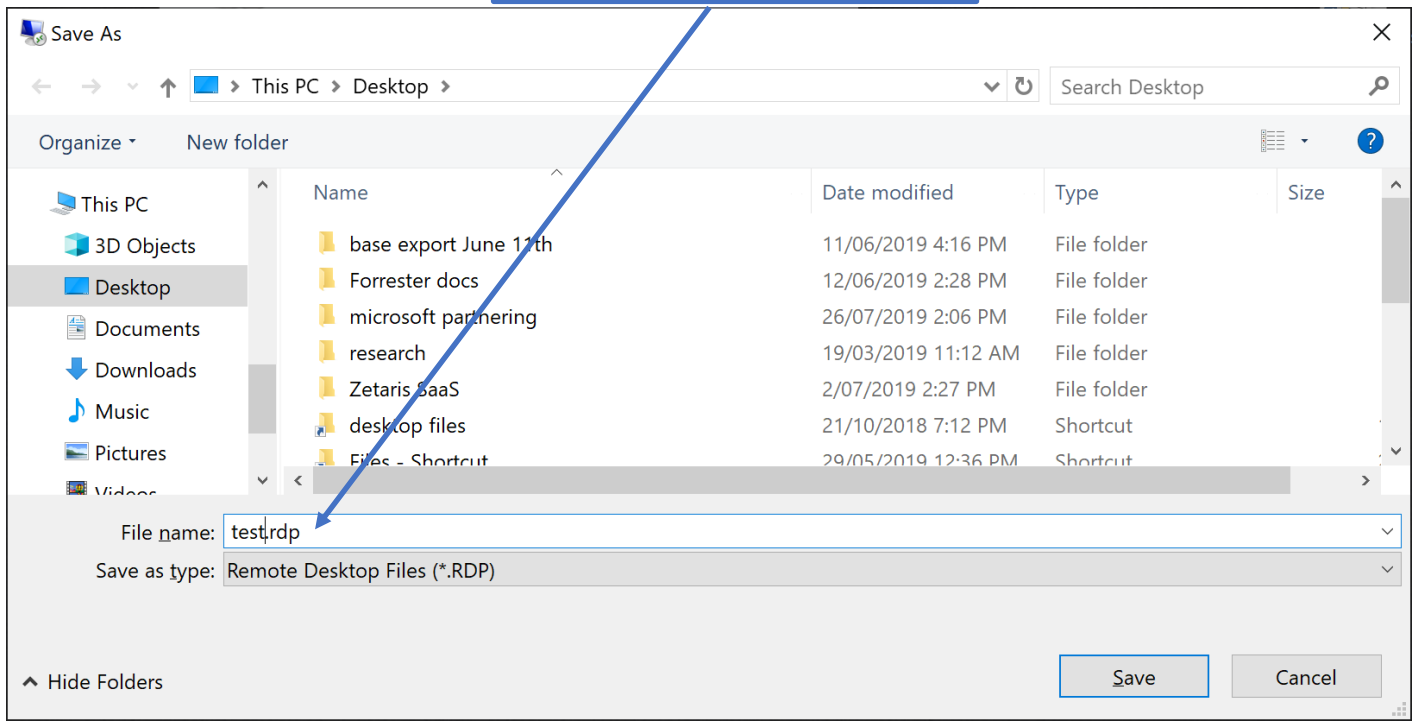


FIGURE 2

The Datathon Desktop

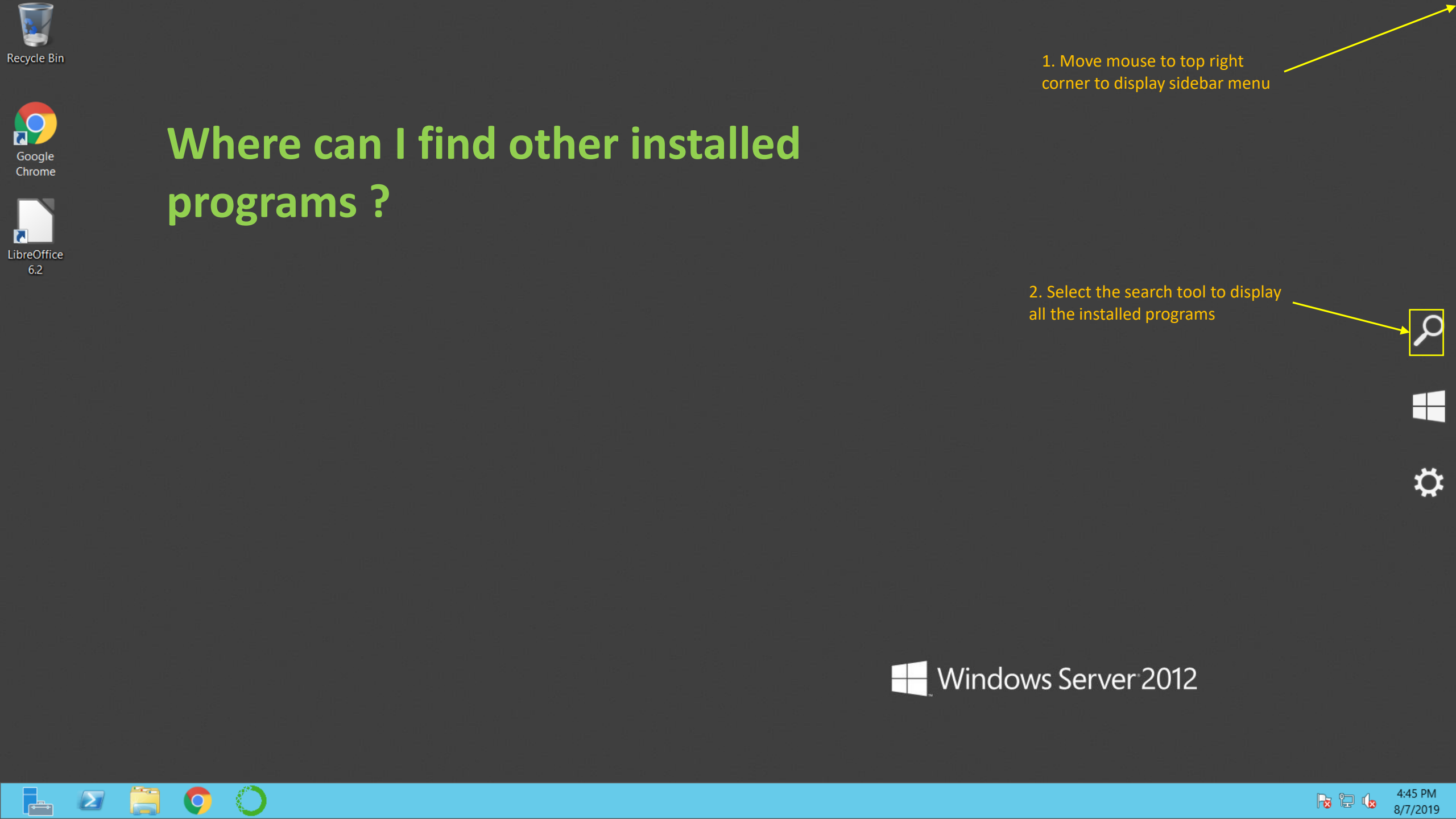
Zetaris Lightning and SAS will be accessed through browser links

Open source equivalent of MS-Office for use in creating your final submission

Windows Files explorer will allow you to navigate the file system and find data files and open other files from your team

Anaconda Navigator contains your Python and R tools

Windows Server 2012


Recycle Bin
Google Chrome
LibreOffice 6.2
Where can I find other installed programs ?
1. Move mouse to top right corner to display sidebar menu
2. Select the search tool to display all the installed programs
Windows Server 2012
4:45 PM
8/7/2019

Apps

Click on a program to launch it

- Desktop
- Firefox
- Google Chrome
- Internet Explorer

Administrative Tools

- Component Services
- Computer Management
- Defragment and Optimize Drives
- Event Viewer
- iSCSI Initiator
- Local Security Policy
- Microsoft Azure Services
- ODBC Data Sources (32-bit)
- ODBC Data Sources (64-bit)
- Performance Monitor
- RD Licensing Diagnoser
- Remote Desktop Licensing Manager
- Resource Monitor
- Security Configuration...
- Server Manager
- Services
- System Configuration
- System Information
- Task Scheduler
- Windows Firewall with Advanced...
- Windows Memory Diagnostic
- Windows PowerShell (x86)
- Windows PowerShell ISE
- Windows PowerShell ISE...

Anaconda3 (64-bit)

- Anaconda Navigator
- Anaconda Powershell Prompt
- Anaconda Prompt
- Jupyter Notebook
- Jupyter Notebook (rstudio-1.1.456_3)
- Reset Spyder Settings
- Reset Spyder Settings...
- Spyder
- Spyder (rstudio-1.1.456_3)

LibreOffice 6.2

- LibreOffice
- LibreOffice (Safe Mode)
- LibreOffice Base
- LibreOffice Calc
- LibreOffice Draw
- LibreOffice Impress
- LibreOffice Math
- LibreOffice Writer

RStudio Desktop (64-bit)

- RStudio Desktop (rstudio-1.1.456_3)

Visual Studio Code

- Visual Studio Code

Windows Accessories

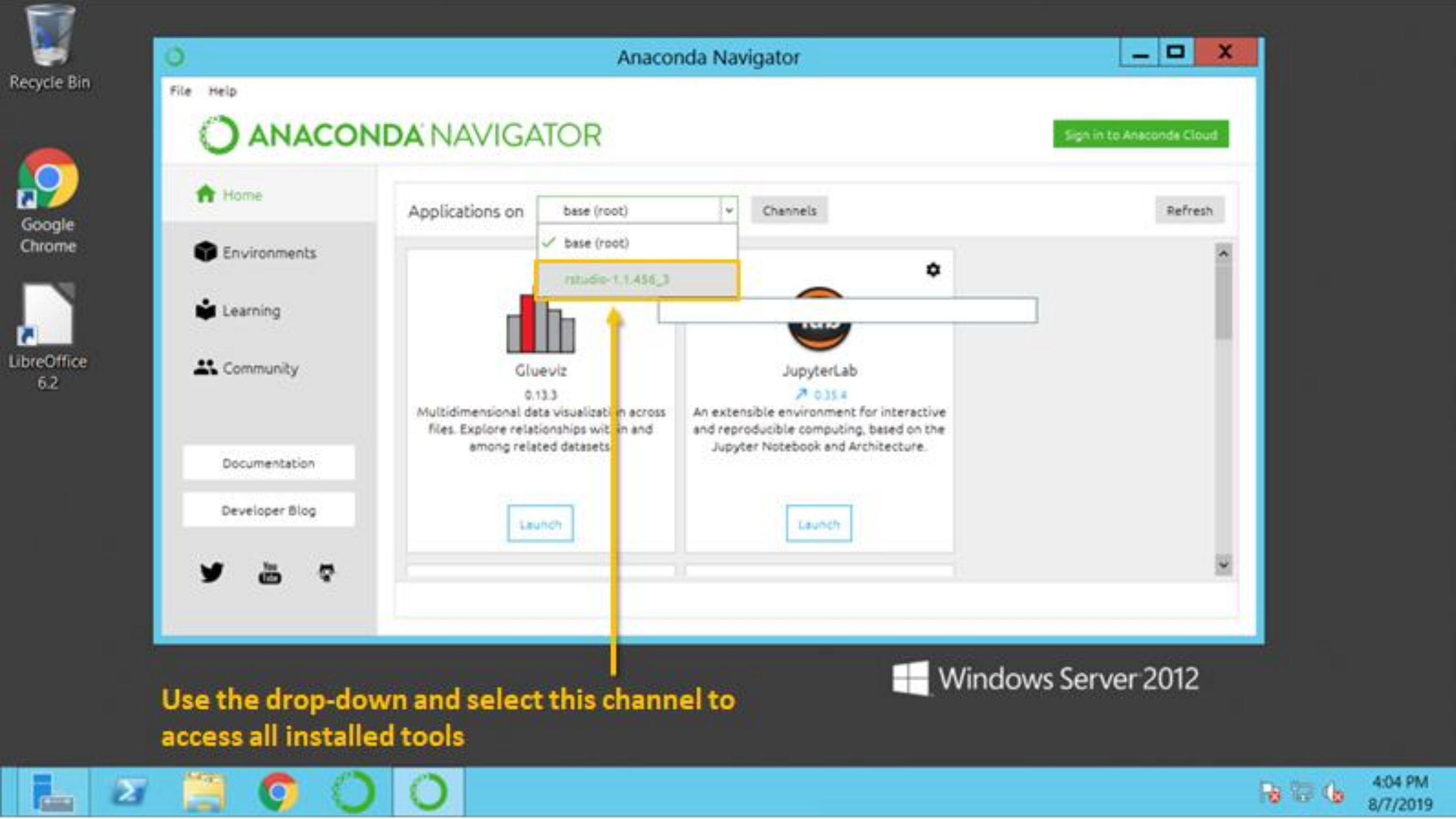
- Calculator
- Notepad
- Paint
- Remote Desktop Connection
- Steps Recorder
- Windows Server Backup
- WordPad

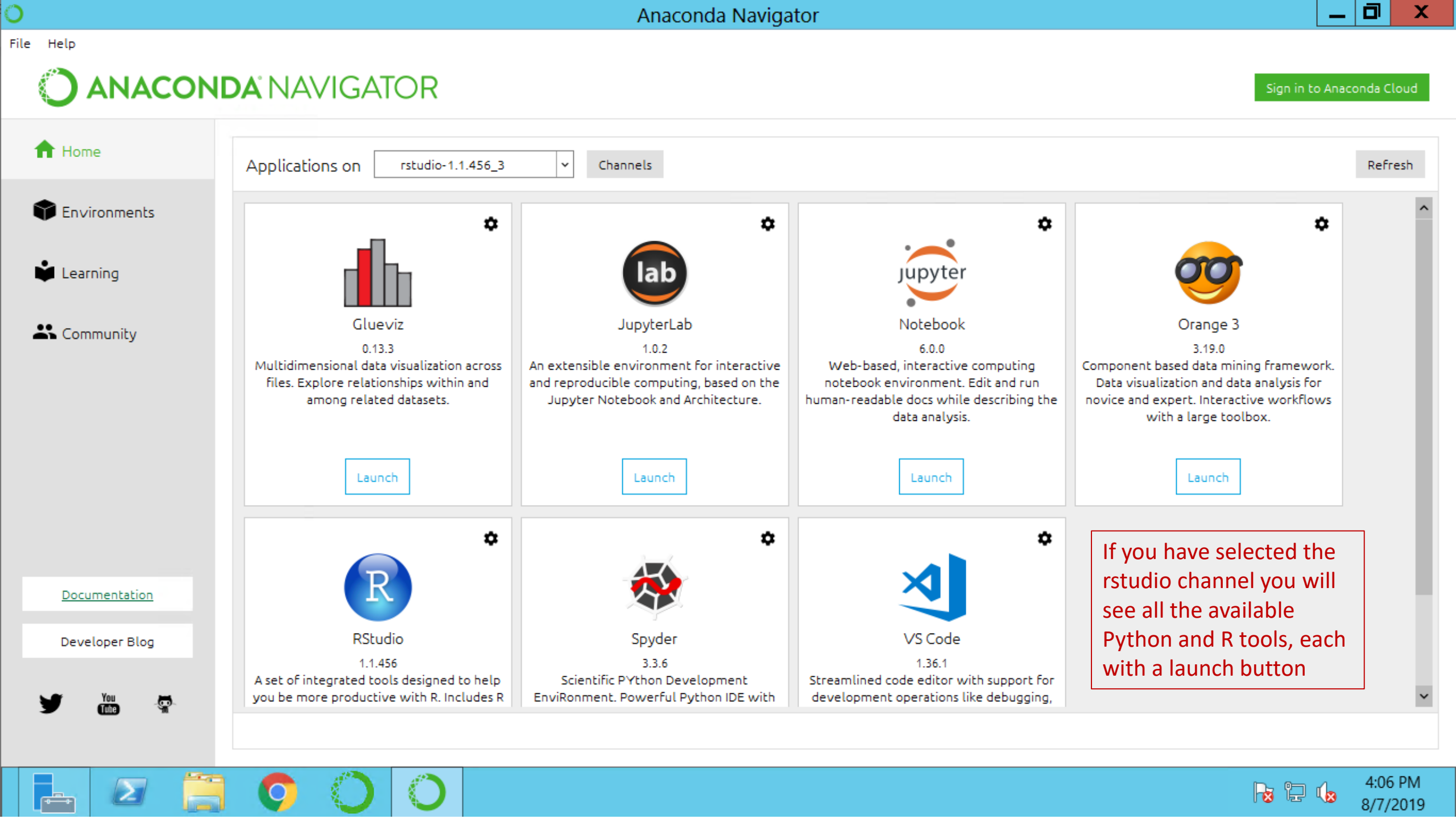
Windows Ease of Access

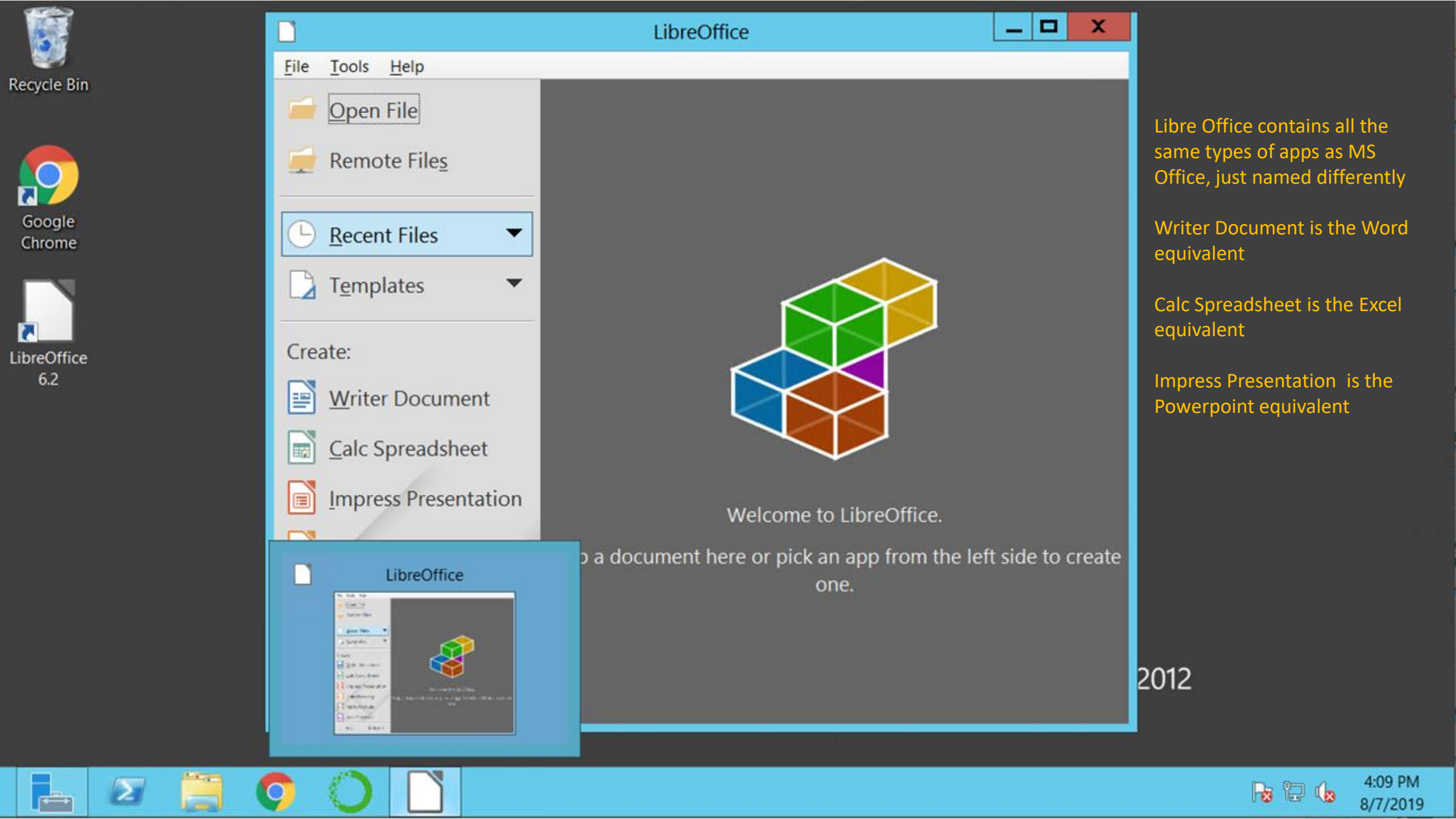
- Magnifier
- Narrator
- On-Screen Keyboard

Windows System

- Administrative Tools
- Command Prompt
- Computer
- Control Panel
- File Explorer
- Help and Support
- Run
- Task Manager
- Windows PowerShell


Recycle Bin
Google Chrome
LibreOffice 6.2
Anaconda Navigator
File Help
ANACONDA NAVIGATOR
Sign in to Anaconda Cloud
Home
Environments
Learning
Community
Documentation
Developer Blog
Applications on
base (root)
Channels
Refresh
base (root)
rstudio-1.1.456_3
Glueviz
0.13.3
Multidimensional data visualization across files. Explore relationships within and among related datasets.
Launch
JupyterLab
0.35.4
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.
Launch
Use the drop-down and select this channel to access all installed tools
Windows Server 2012
4:04 PM
8/7/2019


Anaconda Navigator
File
Help
ANACONDA NAVIGATOR
Sign in to Anaconda Cloud
Home
Environments
Learning
Community
Documentation
Developer Blog
Applications on
rstudio-1.1.456_3
Channels
Refresh
Glueviz
0.13.3
Multidimensional data visualization across files. Explore relationships within and among related datasets.
Launch
JupyterLab
1.0.2
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.
Launch
Notebook
6.0.0
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.
Launch
Orange 3
3.19.0
Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.
Launch
RStudio
1.1.456
A set of integrated tools designed to help you be more productive with R. Includes R
Spyder
3.3.6
Scientific PYthon Development EnviRonment. Powerful Python IDE with
VS Code
1.36.1
Streamlined code editor with support for development operations like debugging,
If you have selected the rstudio channel you will see all the available Python and R tools, each with a launch button
4:06 PM
8/7/2019

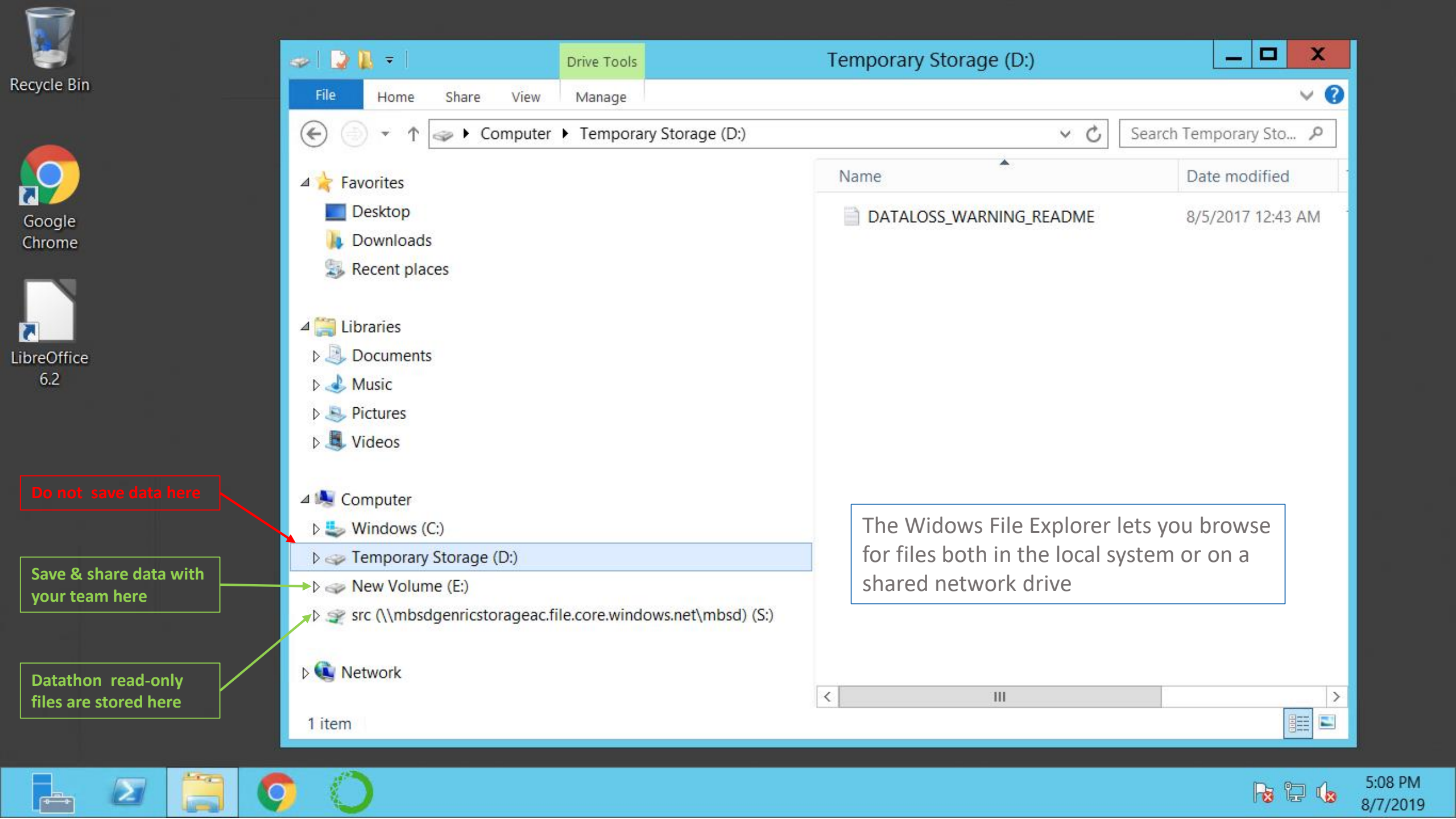


Libre Office contains all the same types of apps as MS Office, just named differently

Writer Document is the Word equivalent

Calc Spreadsheet is the Excel equivalent

Impress Presentation is the Powerpoint equivalent


Recycle Bin
Google Chrome
LibreOffice 6.2
Drive Tools
Temporary Storage (D:)
File
Home
Share
View
Manage
Computer ▸ Temporary Storage (D:)
Search Temporary Sto...
Favorites
Desktop
Downloads
Recent places
Libraries
Documents
Music
Pictures
Videos
Computer
Windows (C:)
Temporary Storage (D:)
New Volume (E:)
src (\\mbsdgenricstorageac.file.core.windows.net\mbsd) (S:)
Network
Name
Date modified
DATALOSS_WARNING_README
8/5/2017 12:43 AM
1 item
Do not save data here
Save & share data with your team here
Datathon read-only files are stored here
The Widows File Explorer lets you browse for files both in the local system or on a shared network drive
5:08 PM
8/7/2019

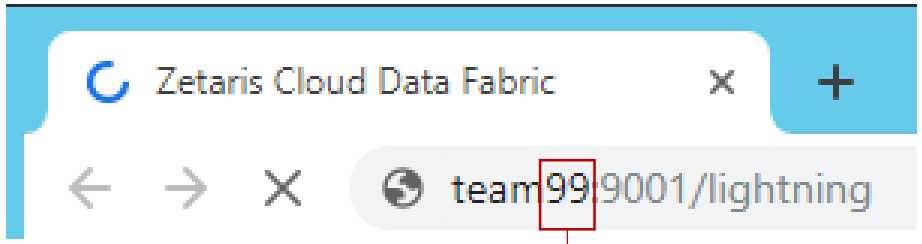


FIGURE 1

Zetaris Lightning is the user interface for the Zetaris Cloud Data Fabric

The Cloud Data Fabric allows you to see all the hundreds of Datathon data files organized as virtual tables which can be joined, without moving any data, to create any view of the data you want

You can then query these virtual tables and download the results to your team folder (the E Drive) for use in Python, R

To access the Zetaris Lightning Login screen, simply replace the team number in figure 1 with the team number that you are allocated in your advice email.

At the login screen shown in figure 2, enter your Lightning username and password, provided in your advice email

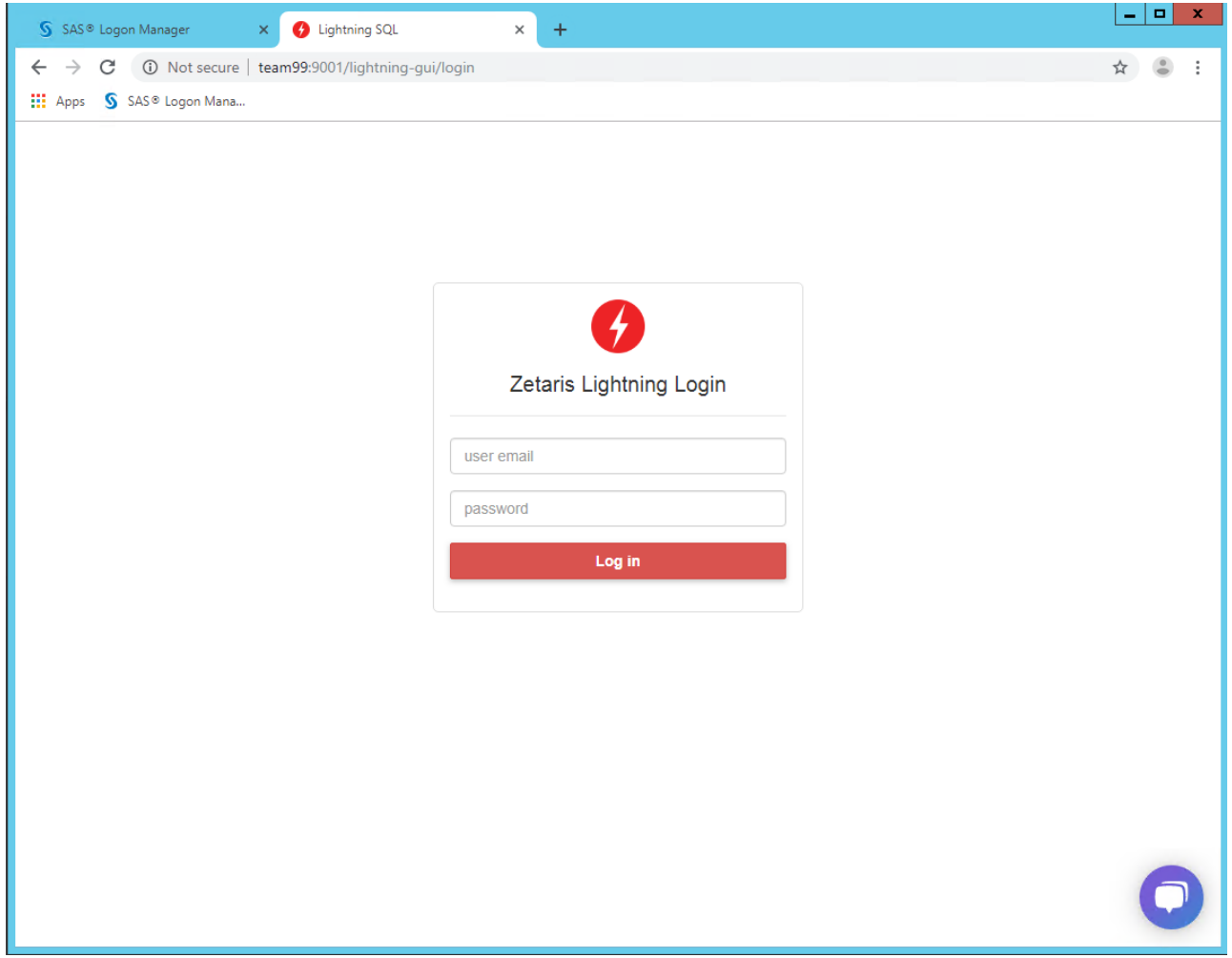
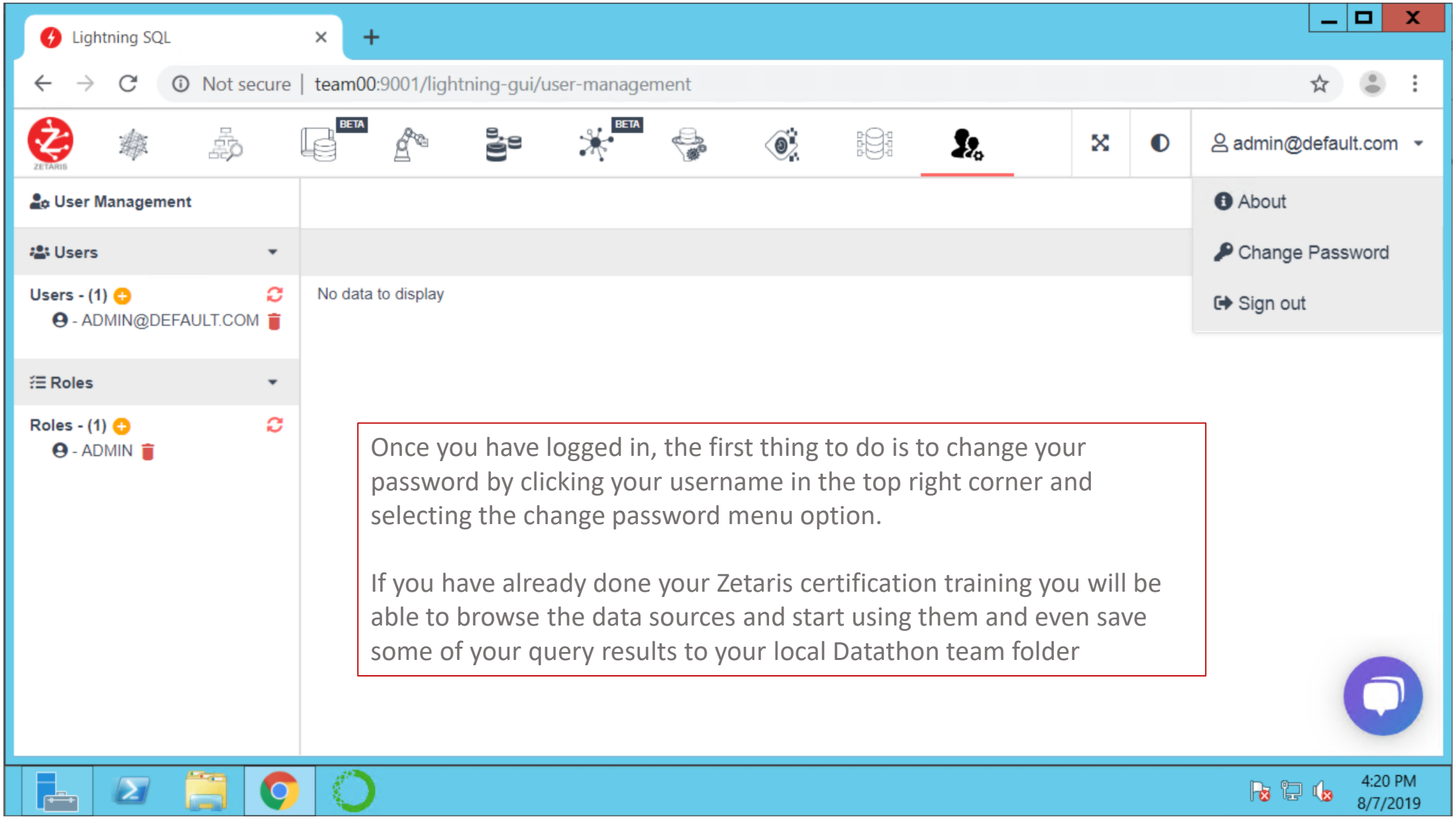
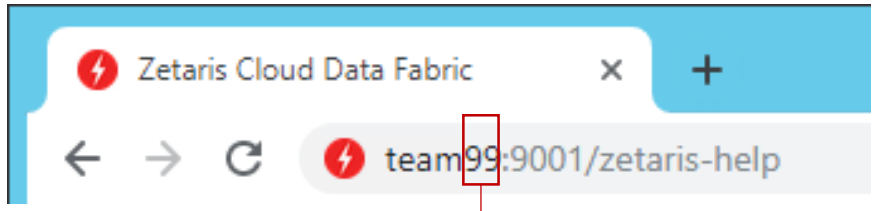


FIGURE 2


Lightning SQL
Not secure | team00:9001/lightning-gui/user-management
admin@default.com
About
Change Password
Sign out
User Management
Users
Users - (1)
- ADMIN@DEFAULT.COM
No data to display
Roles
Roles - (1)
- ADMIN
Once you have logged in, the first thing to do is to change your password by clicking your username in the top right corner and selecting the change password menu option.
If you have already done your Zetaris certification training you will be able to browse the data sources and start using them and even save some of your query results to your local Datathon team folder
4:20 PM
8/7/2019



Zetaris Lightning has an internal help pages that can be access through the above URL.

Once again you need to substitute your team number in the above address

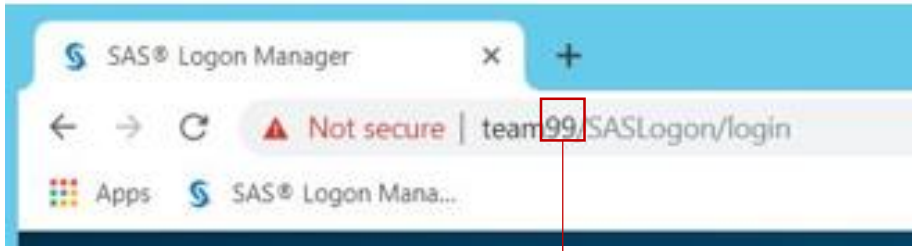


FIGURE 1

SAS is analytical software available to all team members and like lightning is also accessible through your browser

To access the SASLogin screen, replace the team number in figure 1 with the team number that you are allocated in your advice email.

One word of caution, please make sure the URL uses the same upper-case letters as shown, otherwise you will get an error

Once at the login screen as shown in Figure 2, use the same username and password that you already have for your remote desktop connection

SAS, like Zetaris will allow you to save any outputs your local Datathon team folder

Thanks for taking the time to watch this introduction, for more information on the how to use any of the Datathon apps, please go to the “get informed” link on this page

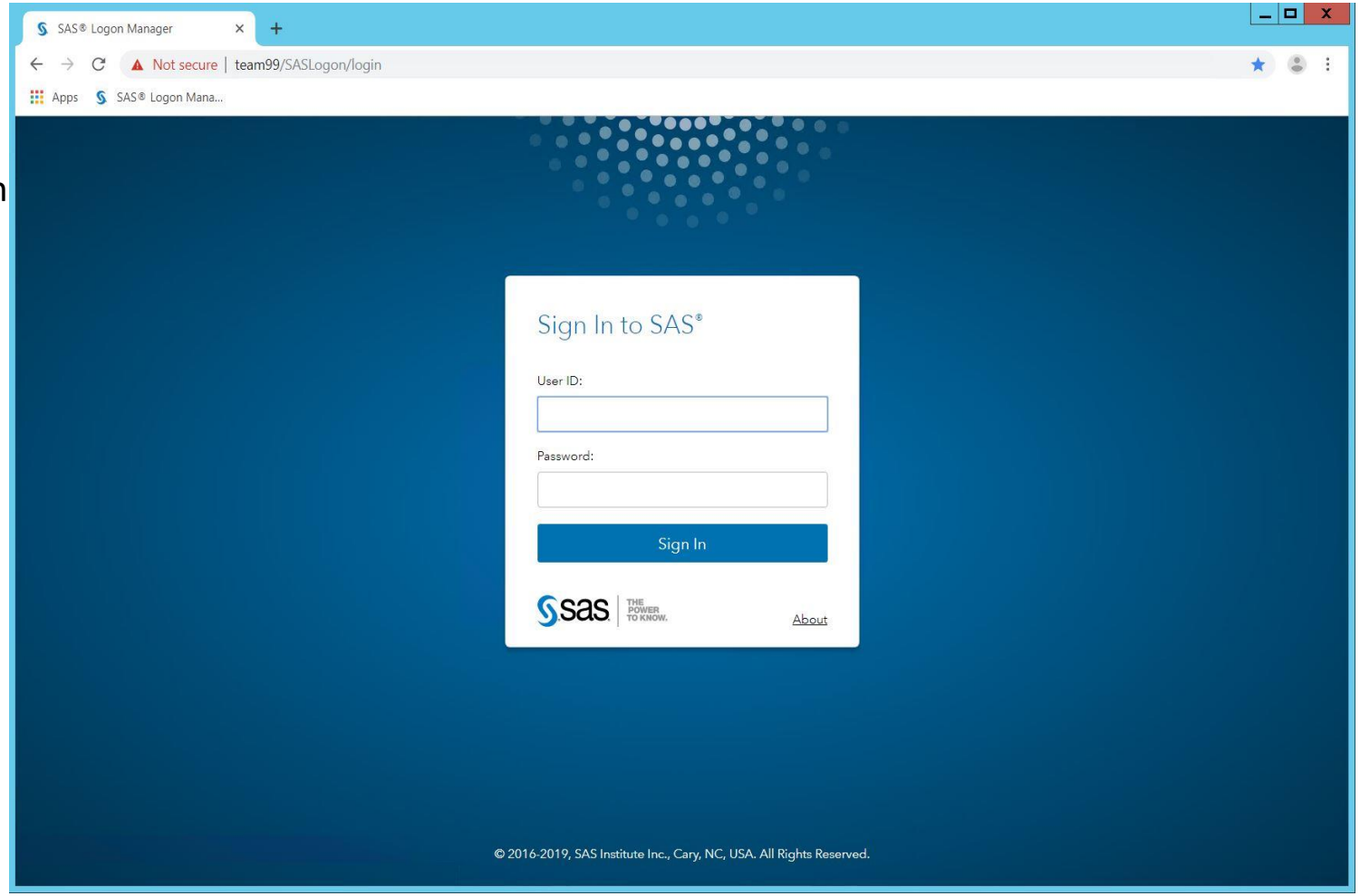


FIGURE 2