Data Visualization
Setup and Assignment

Section 1: Introduction

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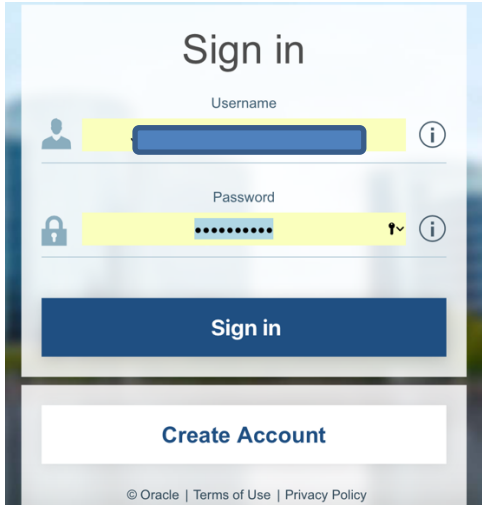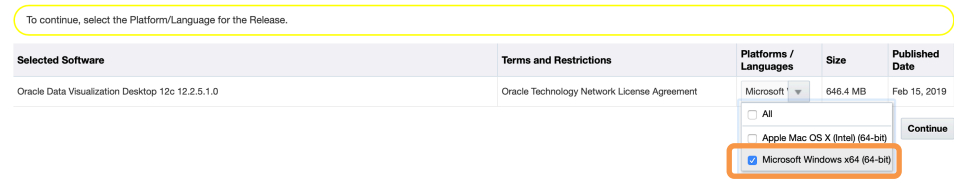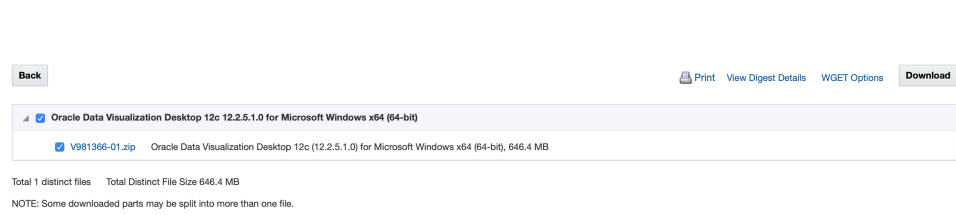
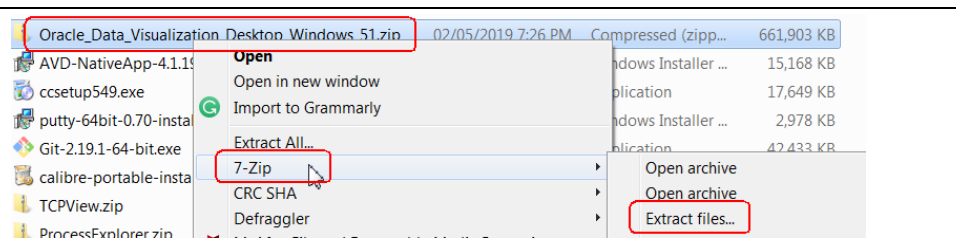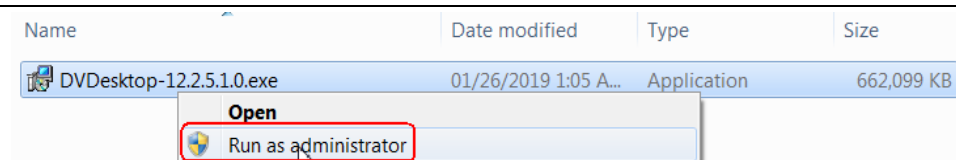**Assignment 1:** Data Visualization Setup

Table of Contents

1. Download and Setup Data Visualization for Oracle Analytics
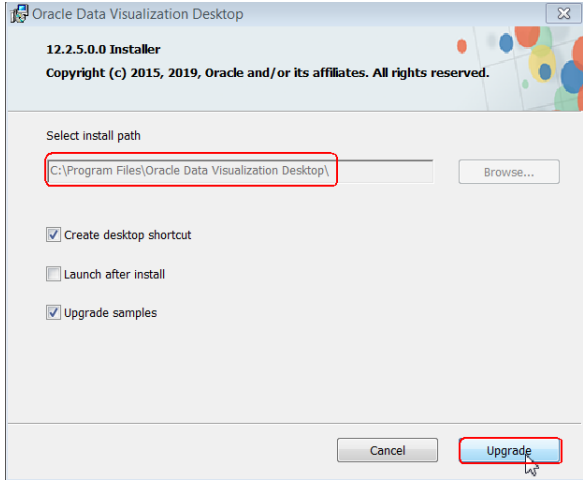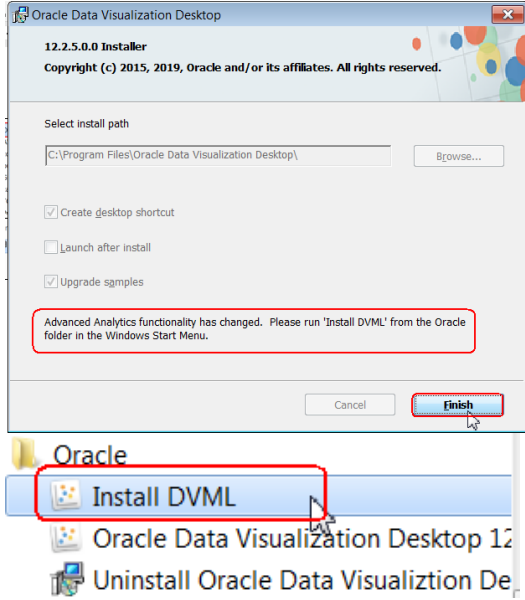
Following instructions highlights installation process for Windows platform.
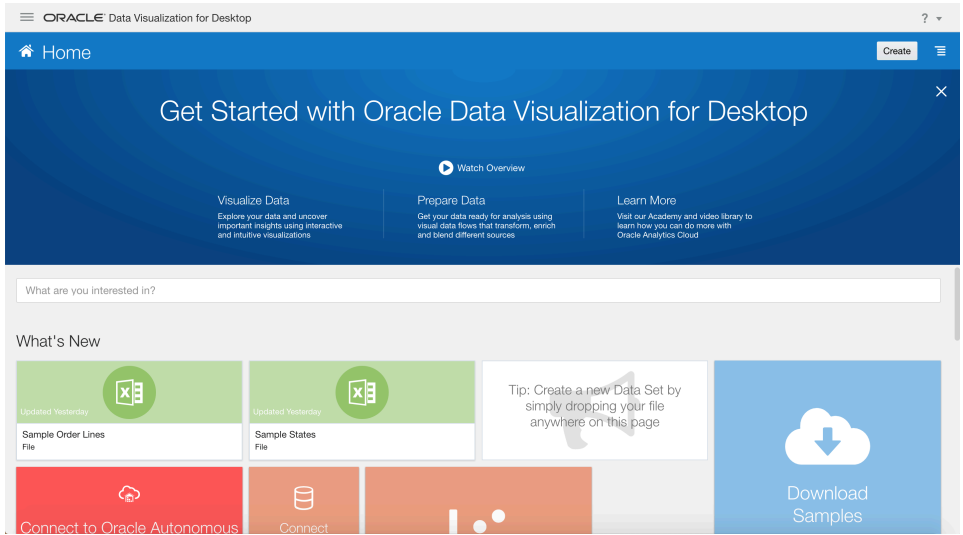
If you planning to install Data Visualization for Mac OS, you can follow the steps shown in a installation demo in Section 1, Setup lecture. Apple Mac Users, If you already have Oracle Data Visualization Desktop installed, then you must delete the previous version prior to installing the new version.

Step	View	Talk stream
1.	System Requirements	- Operating System: Microsoft Windows x64 (64-bit) 7 SP1+, 8.1, or 10; Windows Server 2012 R2; Sierra (10.12), High Sierra (10.13) - CPU: Intel(R) Core(TM)2 Duo CPU E8400 @ 3.00GHz, 2992 Mhz, 2 Cores, 2 Logical Processors or faster - Memory: 4.00 GB Memory or more for great experience - Minimum free disk space: 2GB; plus space for any uploaded data files - User privileges - User needs Admin privileges to install

Step	View	Talk stream
2.	Oracle Data Visualization Desktop Download **Product** — **Version** Oracle Data Visualization Desktop — 12c (12.2.5.1.0) — ⬇ Download	- Visit Oracle Analytics Data Visualization Desktop Home https://www.oracle.com/middleware/technologies/oracle-data-visualization-desktop.html - Click on Download
3.	Sign in Username Password Sign in Create Account © Oracle | Terms of Use | Privacy Policy	- Enter Your Oracle Technology Access account email and password. - If you do not have account, you can quickly create one and use it to download required components
4.	To continue, select the Platform/Language for the Release. **Selected Software** — **Terms and Restrictions** — **Platforms / Languages** — **Size** — **Published Date** Oracle Data Visualization Desktop 12c 12.2.5.1.0 — Oracle Technology Network License Agreement — Microsoft — 646.4 MB — Feb 15, 2019 ☐ All ☐ Apple Mac OS X (Intel) (64-bit) ☑ Microsoft Windows x64 (64-bit) Continue	Choose your OS version. In this assignment, we are demonstrating Windows based installation. Select Windows Platform and Click on Continue.

Step	View	Talk stream
5.	I accept the terms in the license agreement / Scroll to read the full license agreement / Back / Continue	Accept Oracle Technology Use Agreement and click on Continue.
6.	Back / Print View Digest Details WGET Options Download / Oracle Data Visualization Desktop 12c 12.2.5.1.0 for Microsoft Windows x64 (64-bit) / V981366-01.zip Oracle Data Visualization Desktop 12c (12.2.5.1.0) for Microsoft Windows x64 (64-bit), 646.4 MB / Total 1 distinct files Total Distinct File Size 646.4 MB / NOTE: Some downloaded parts may be split into more than one file.	Depending on your browser setting, file may start to download. If you do not see download process, click on a zip file name or download button. Once file is downloaded completely, follow the next step.
7.	Oracle_Data_Visualization_Desktop_Windows_51.zip 02/05/2019 7:26 PM Compressed (zipp... 661,903 KB / AVD-NativeApp-4.1.19 / ccsetup549.exe / putty-64bit-0.70-instal / Git-2.19.1-64-bit.exe / calibre-portable-insta / TCPView.zip / ProcessExplorer.zip / Open / Open in new window / Import to Grammarly / Extract All... / 7-Zip / CRC SHA / Defraggler / Open archive / Open archive / Extract files...	Extract zip file using unzip utility you have, for an example utility such as 7-Zip. Extract files into a specific folder, such as D:\OracleDV\
8.		Before you run .exe file from your unzipped folder, please **close** your **MS Office** applications.
9.	Name Date modified Type Size / DVDesktop-12.2.5.1.0.exe 01/26/2019 1:05 A... Application 662,099 KB / Open / Run as administrator	Run the extracted .exe file as administrator (**very important**)

Step	View	Talk stream
10.		If you have already installed an **older Data Visualization version,** select to **Upgrade.**
11.		Once Data Visualization Desktop installation is competed. Go to your **Program Files** Menu, you will see Oracle Programs. Select Install DVML with right click to run as an administrator. Make sure you **"Install DVML"** with **"Run as administrator"**. A command-line window will **pop-up** during DVML setup. Please do not close it, monitor progress and follow instruction in the console. Installing DVML framework will install and setup Data Visualization Machine Learning Framework that will be used with Data Visualization.

Step	View	Talk stream
12.		You can validate your installation by opening Oracle Data Visualization Desktop application from Program Menu or from your desktop quick launch. You are all Set! You will be learning modern data visualization projects in following sections.