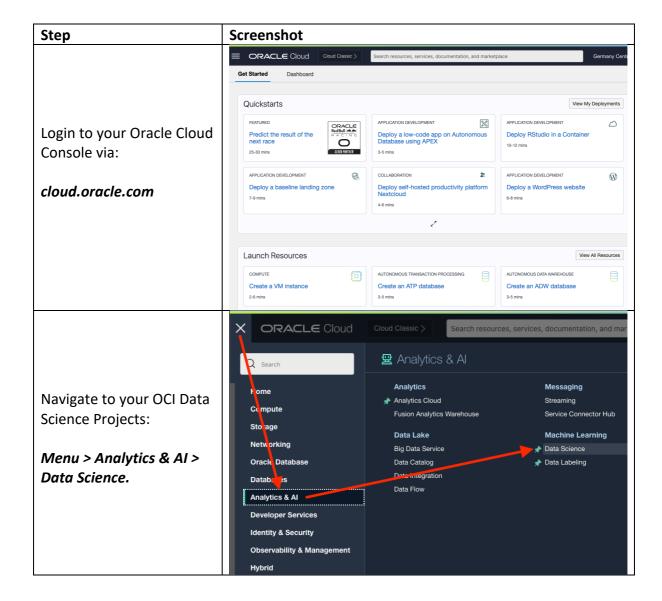
Install R Conda Environment within OCI Data Science

PLEASE NOTE – This is not supported and is a workaround to enable an R conda environment within OCI Data Science.

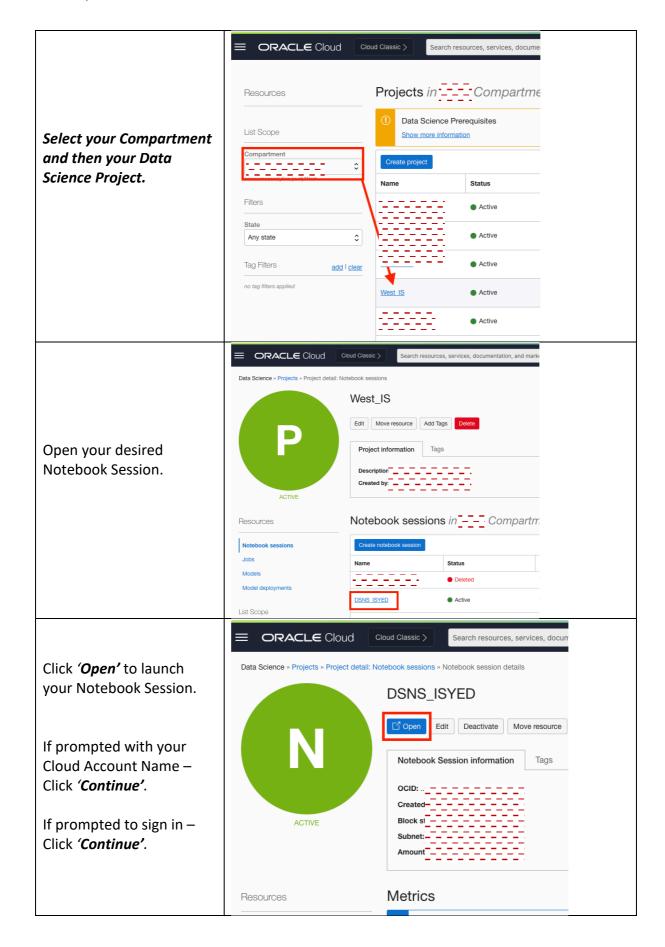
This documentation will take you through how to install an R Conda Package within OCI Data Science Service, install additional R packages and create a Jupyter Notebook based on the R Kernel.

Documentation References:

- https://docs.anaconda.com/anaconda/user-guide/tasks/using-r-language/
- https://docs.conda.io/projects/conda/en/latest/commands/install.html
- https://repo.anaconda.com/pkgs/r/













As you can see in our conda install directory we see a new Conda Environment present.

We can activate the Conda using:

conda activate /home/datascience/cond a/r_env_isy

where we point to the installation directory of the Conda.

We can now list all the R packages installed by using:

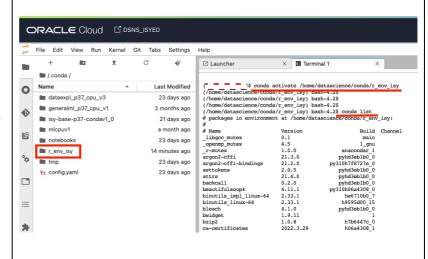
conda list

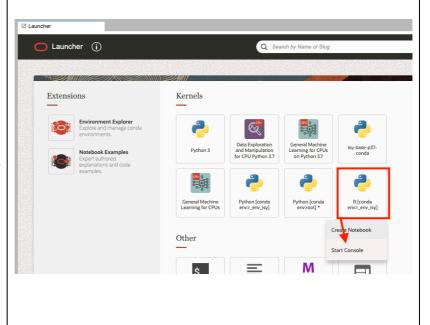
We can now exit the Terminal:

exit

From the Launcher we can now see the new R Kernel based on the installed Conda Environment.

Click on it and Select 'Start Console'.







Within the R console we can see the Version of R Displayed at the top (R Version 3.6.1)

We can start installing additional packages using install.packages('<name>')

Here I installed tensorflow:

install.packages('tensorfl ow')

We can then check it is installed by trying to load in the library:

library(tensoflow)

Once installed we can close the console.

Next, we can create a Jupyter Notebook.

From the Launcher select the 'R Kernel' and then 'Create Notebook'.

```
R version 3.6.1 (2019-07-05)

[1]: install.packages('tensorflow')

also installing the dependencies 'rprojroot', 'RcppTON tograph'

Updating HTML index of packages in '.Library'
Making 'packages.html' ... done

[2]: library(tensorflow)
```

