ANACONDA FUSION CHEAT SHEET

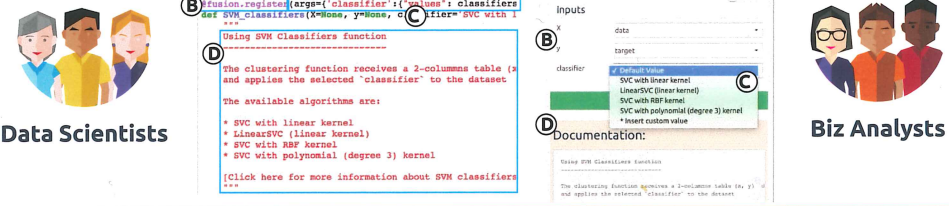
See full documentation for Anaconda Fusion:
https://docs.continuum.io/anaconda/fusion

THE WORKFLOW

1 Data Scientist writes a Jupyter Notebook with functions they want to share with the user in Excel
2 Data Scientist shares notebook with the user
3 User starts Anaconda Fusion
4 User uploads the notebook to Anaconda Fusion in Excel
5 User runs the functions in Excel with Anaconda Fusion

1 DATA SCIENTIST WRITES NOTEBOOK

Ⓐ **IMPORT FUSION**	from anacondafusion.fusion import fusion
Ⓑ **MAKE FUNCTION AVAILABLE IN ANACONDA FUSION**	@fusion.register()
Ⓒ **PROVIDE AN INPUT VARIABLE WITH A PREDEFINED LIST OF VALUE OPTIONS**	@fusion.register(args={'variable_name':{"values"}:[value1, value2,...]})
Ⓓ **ADD DOCUMENTATION FOR USERS**	Functional documentation on the dimensions that the function expects.



2 DATA SCIENTIST SHARES NOTEBOOK WITH USER

You can share the notebook file by email, Dropbox, etc. or

UPLOAD TO ANACONDA CLOUD/REPOSITORY	$anaconda upload <notebook>.ipynb

3 START ANACONDA FUSION

A After installation, launch Anaconda Fusion any of these ways:

FROM WINDOWS START MENU	Start - Programs - Anaconda Fusion
OR FROM ANACONDA NAVIGATOR	Start - Programs - Anaconda Navigator - Home - Anaconda Fusion icon click LAUNCH
OR FROM COMMAND LINE	fusion
B NEXT OPEN EXCEL AND FUSION ADD-IN	Open Excel - click INSERT tab - open My Add-Ins - select Anaconda Fusion to see Anaconda Fusion panel in Excel.

ANACONDA
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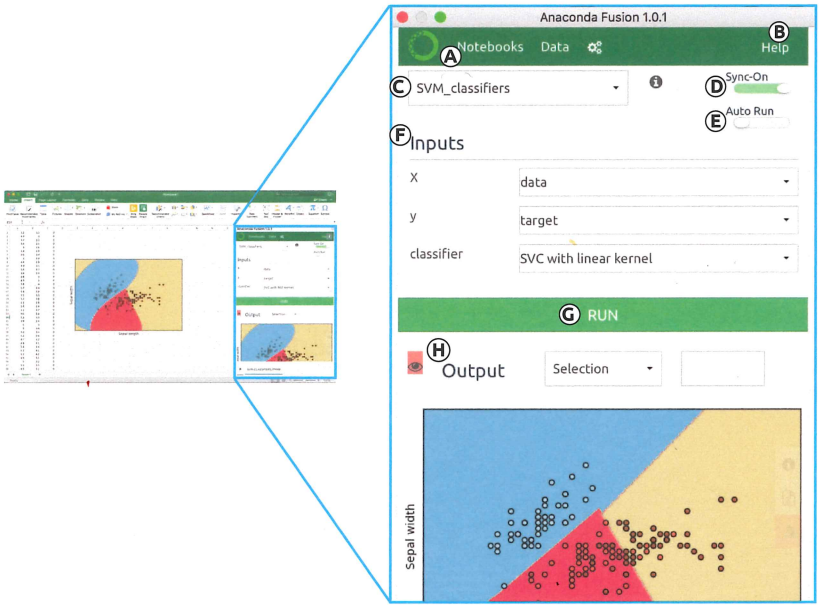
4 UPLOAD NOTEBOOK TO ANACONDA FUSION

After the data scientist has shared a notebook, user uploads the notebook to Anaconda Fusion

UPLOAD NOTEBOOK TO FUSION	In Anaconda Fusion upload box, drag and drop a notebook and click UPLOAD.

5 USER RUNS NOTEBOOK FUNCTIONS IN EXCEL

Ⓐ SELECT NOTEBOOK	In Anaconda Fusion, click the NOTEBOOKS tab. Select the notebook you want to run.
Ⓑ ELECT FUNCTION	Click the top DROPDOWN menu to select which function you want to run.
Ⓒ GET FUNCTION HELP	Click the (i) information icon next to the top DROPDOWN menu.
Ⓓ EXCEL SYNC OFF/ON	Automatically read Excel changes into Fusion input data and write Fusion output data into Excel.
Ⓔ AUTO RUN OFF/ON	Automatically run Fusion every time you change input data, no need to click RUN button.
Ⓕ DEFINE INPUTS	Under INPUTS, define values for different input variables. Select from the dropdown menu, directly input using Excel ranges (e.g. A1:C3), or define with the DATA tab (see below).
Ⓖ RUN NOTEBOOK FUNCTIONS IN EXCEL	Click RUN to run the function and display output or write output to Excel.
Ⓗ SELECT OUTPUT LOCATION	OPTIONAL Define the default output location when user clicks Run: Selection, Cell Range or Named Range. All plots will be displayed within Fusion.
Ⓘ EXPORT	Define cell/range/named range and click Export to export data.



MORE RESOURCES

Online documentation	https://docs.continuum.io/anaconda/fusion
Support	https://continuum.io/support
Training	https://continuum.io/training
Consulting	https://www.continuum.io/continuum-consulting