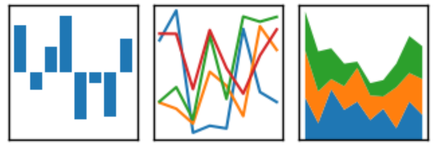
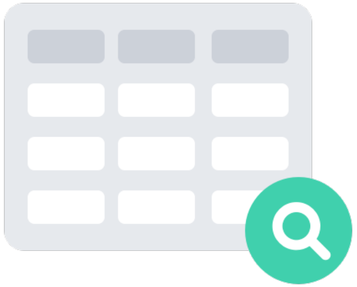
What is pandas?

pandas

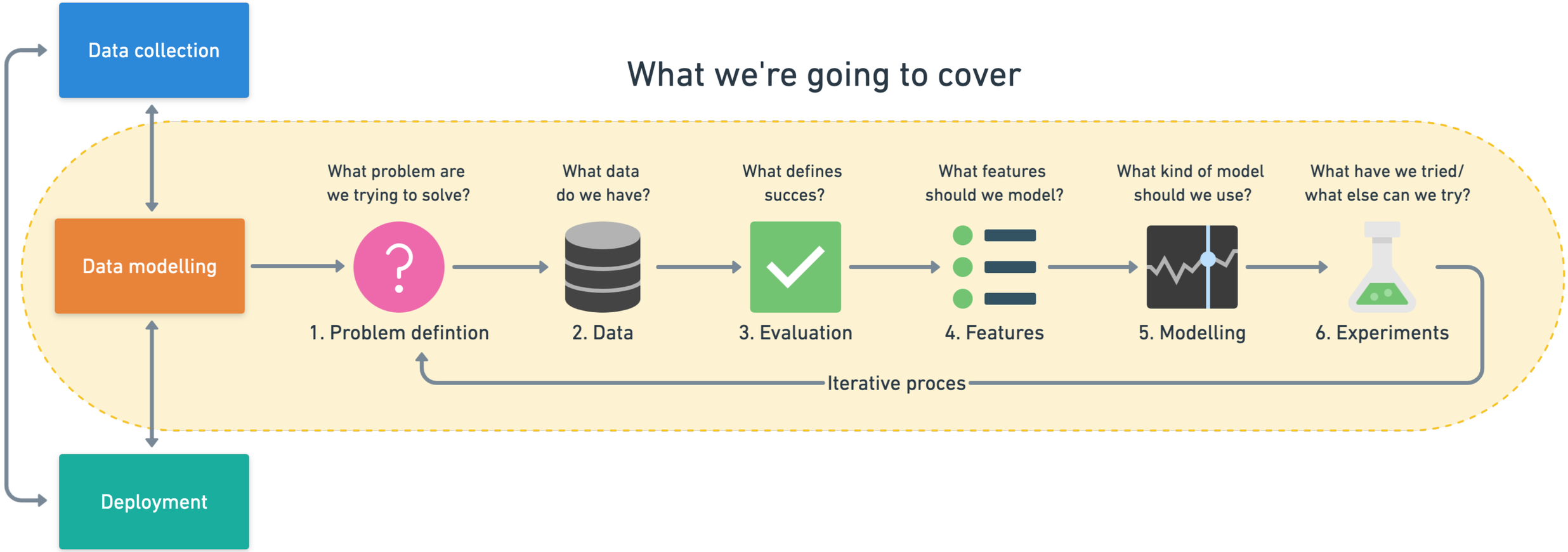
$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$



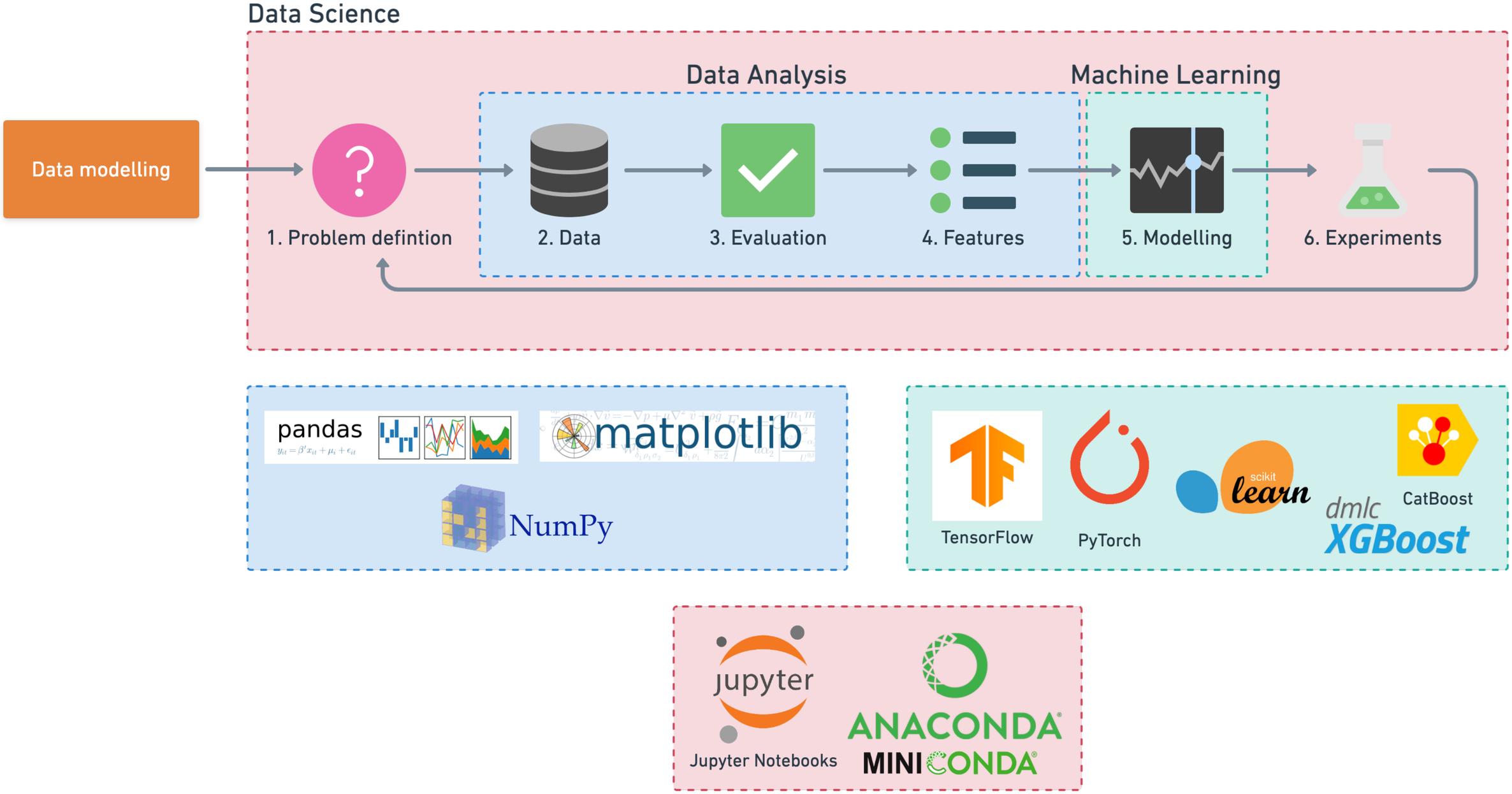
Data



Steps in a full machine learning project



Tools you can use



Why pandas?

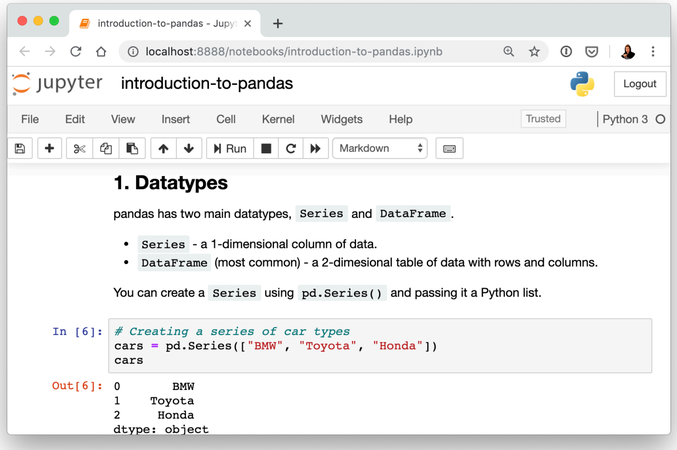
- Simple to use
- Integrated with many other data science & ML Python tools
- Helps you get your data ready for machine learning

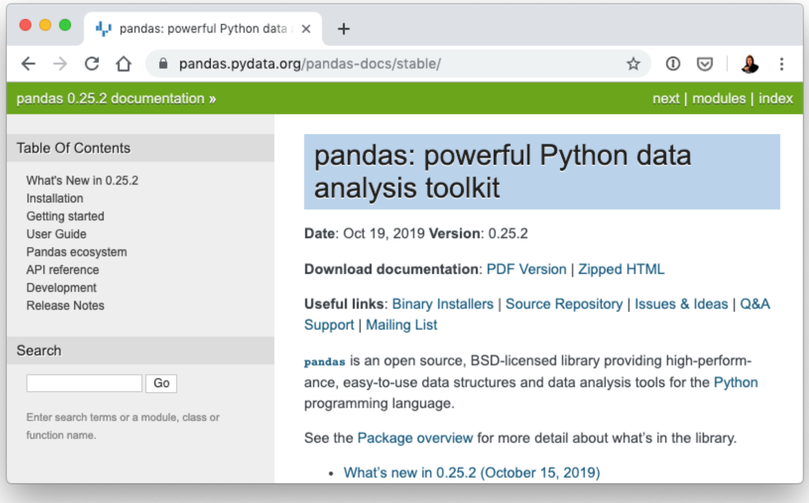
What are we going to cover?

- Most useful functions
- pandas Datatypes
- Importing & exporting data
- Describing data
- Viewing & selecting data
- Manipulating data

Where can you get help?

- Follow along with the code
- Try it for yourself
- Search for it
- Try again
- Ask

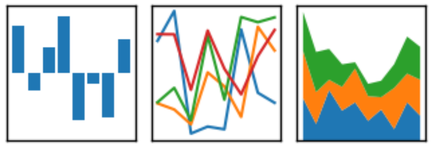




Let's code!

pandas

$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$



Anatomy of a DataFrame