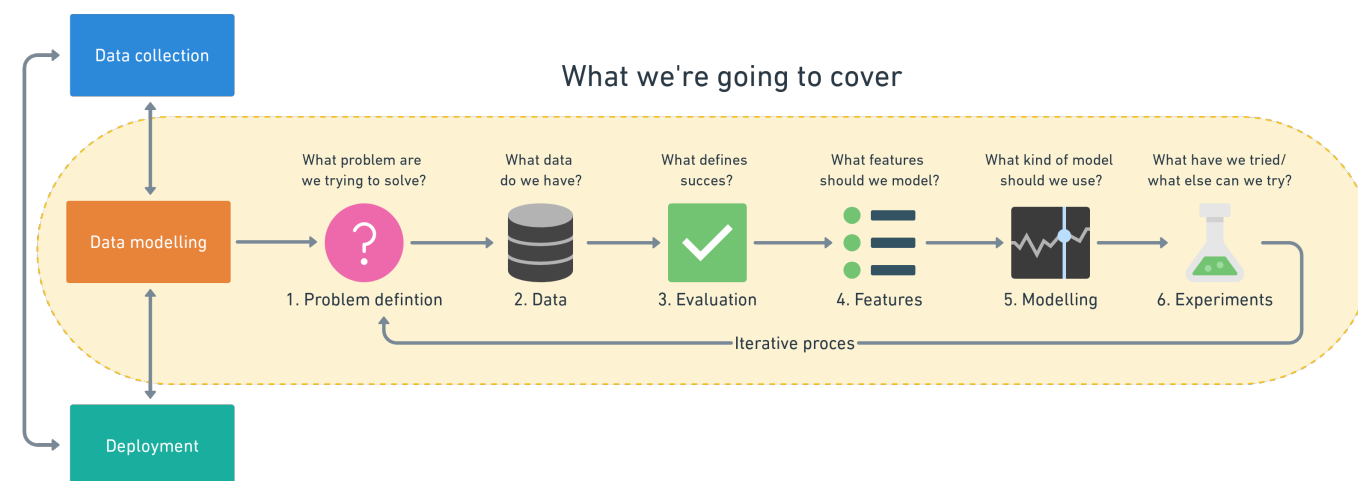


Steps in a full machine learning project



**1. Create a framework**

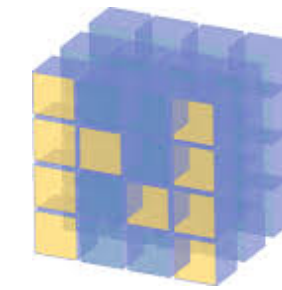
**2. Match to data science  
and machine learning  
tools**

**3. Learn by doing**



Your  
computer

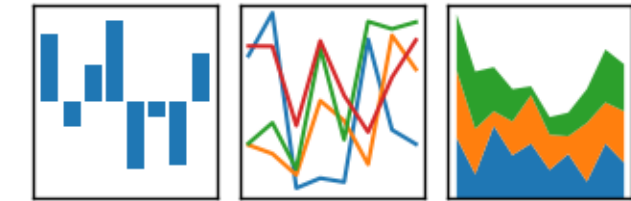
ANACONDA®  
MINI CONDA®  
CONDA®



NumPy

matplotlib

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



dmlc  
**XGBoost**





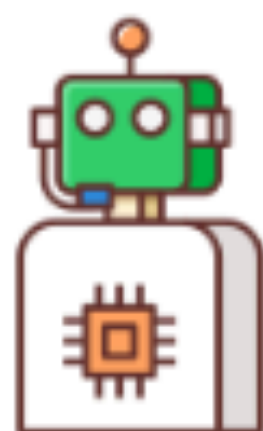
ANACONDA®



MINI CONDA®

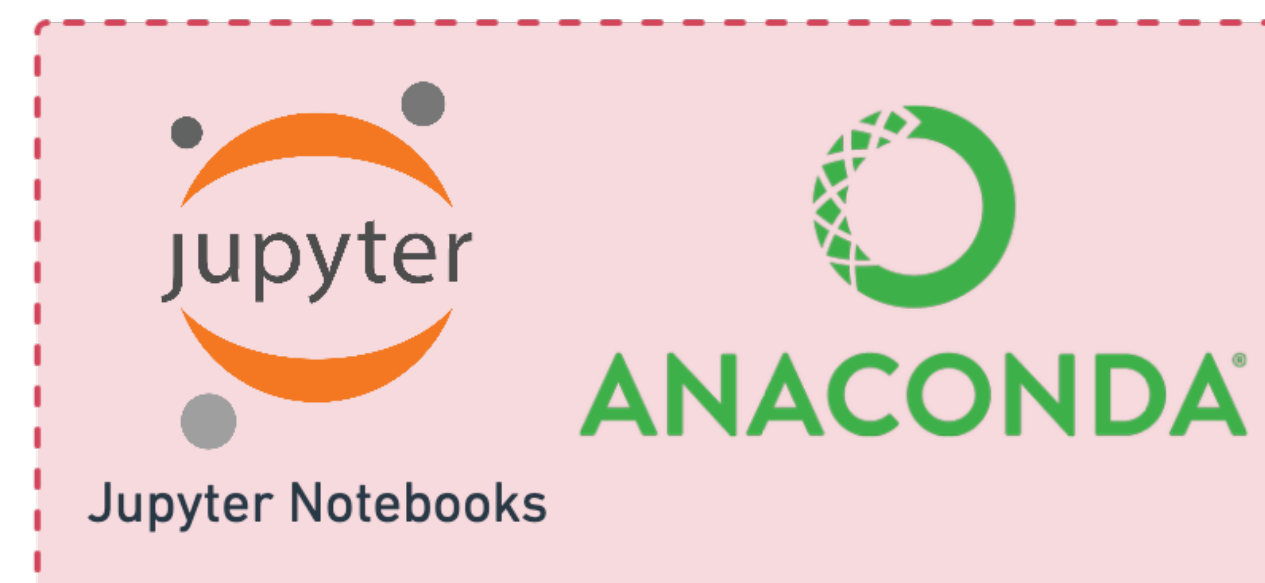
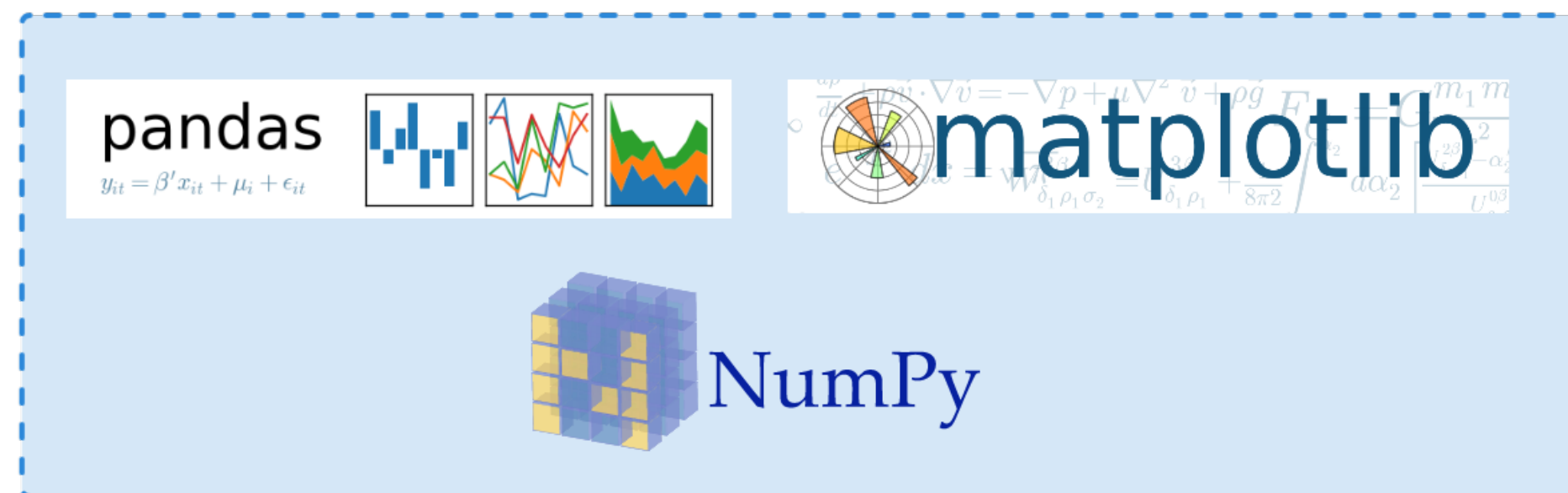
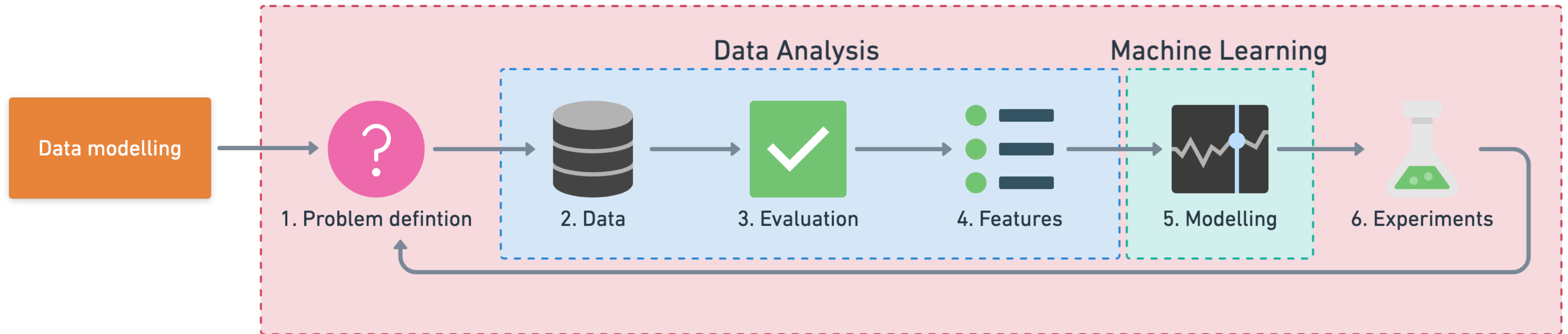


CONDA®



# Tools you can use

## Data Science





**= ~3 GB**





**= ~3 GB**

**MINI**  **CONDA**



**= ~200 MB**

# Up next

CONDA®

