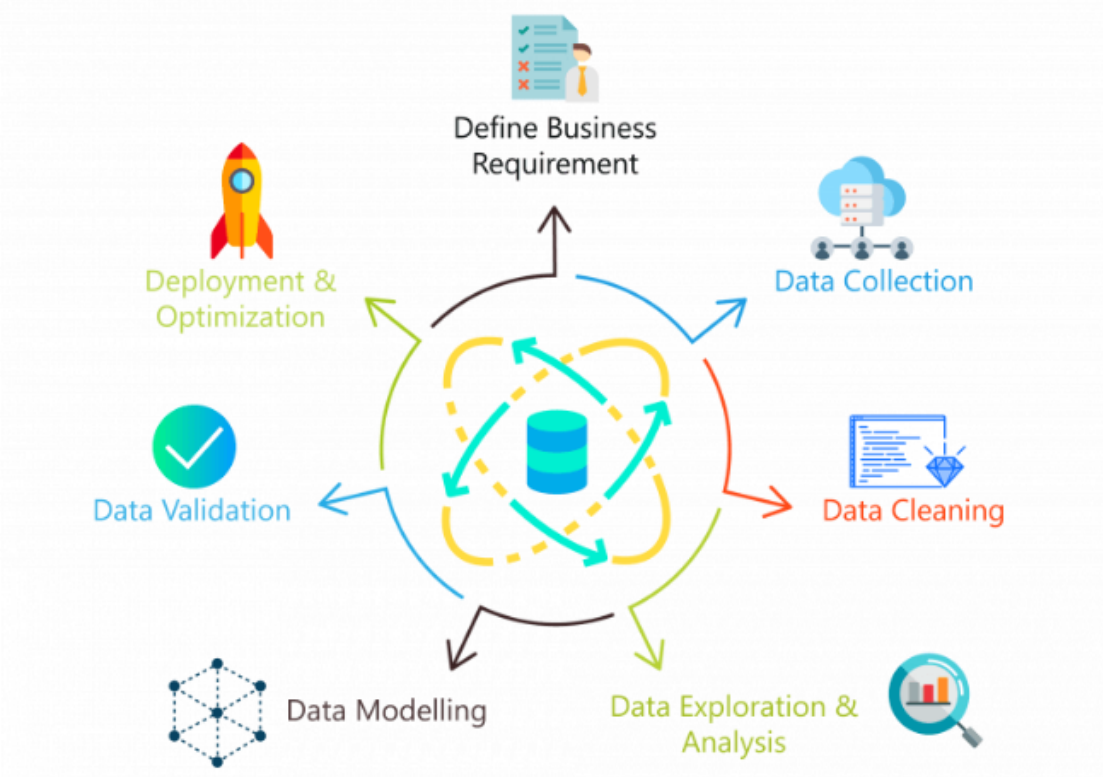
Model Deployment with Streamlit

Session-3

Table of Contents

Model Deployment?



Model Deployment?

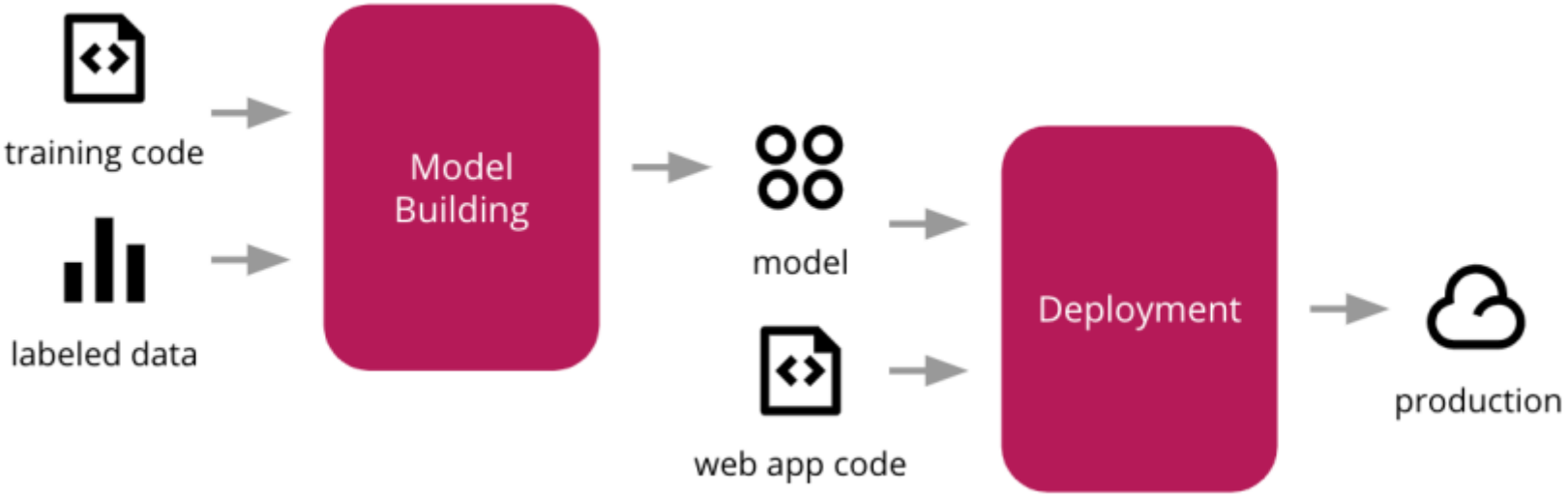


Image : https://www.r-bloggers.com/2021/10/crash-course-in-r-model-deployment-with-docker-and-friends/

Environment?

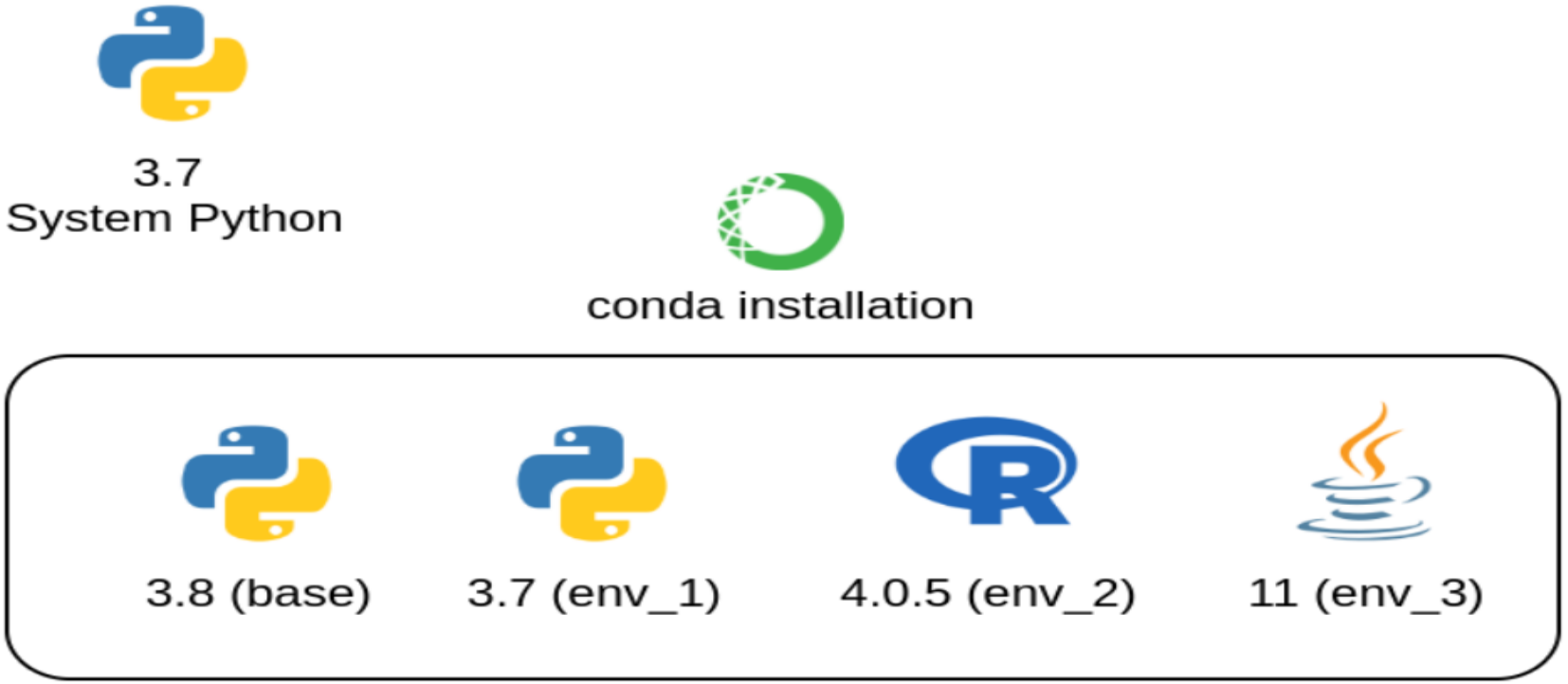


Image : https://whiteboxml.com/blog/the-definitive-guide-to-python-virtual-environments-with-conda

Environment?

A virtual environment is a silo-ed Python installation apart from your main Python installation.

Environment?

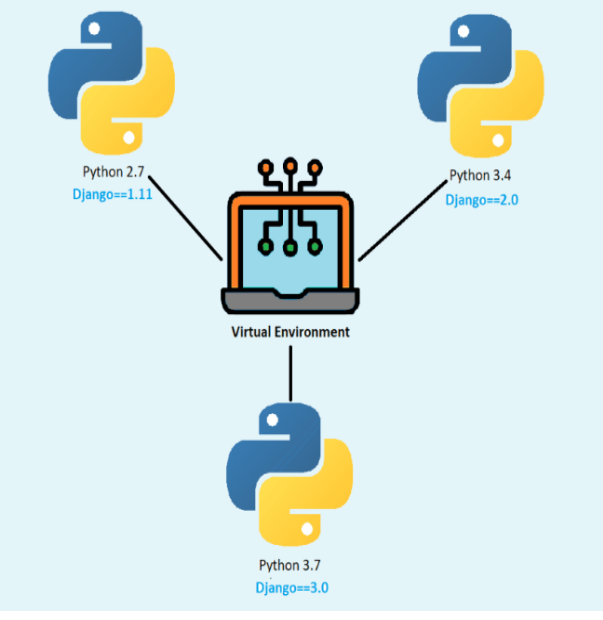


Image : https://www.yourhrworld.com/formats/email-format/handover-job-to-colleague-email-sample/
Image : https://dev.to/bricourse/most-successful-developers-use-python-virtual-environments-do-you-know-how-3bh7

Environment?

CONDA Environment

Conda
- Manage packages
- Manage env's

- conda create -n env_name
- conda env list
- activate env_name
- conda install numpy
- deactivate

VIRTUAL (venv) Environment

Venv
- Manage env's

Pip
- Manage packages

- python -m venv env_name
- source env_name/Scripts/activate
- pip install streamlit==1.10.0
- pip install -r requirements.txt
- deactivate

Streamlit?

Streamlit

Streamlit is an **open-source** Python library that makes it easy to **create** and **share** beautiful, custom **web apps** for machine learning and data science.