



Powering Data Teams Across the AI Journey

Training sessions- Session 1 SDK

# Session 1 - Agenda

- **What is our SDK?**
- **Install+login**
- **Technical demonstration**
- **Summary & materials**
- **Hands-on Task**

## What is the SDK ?

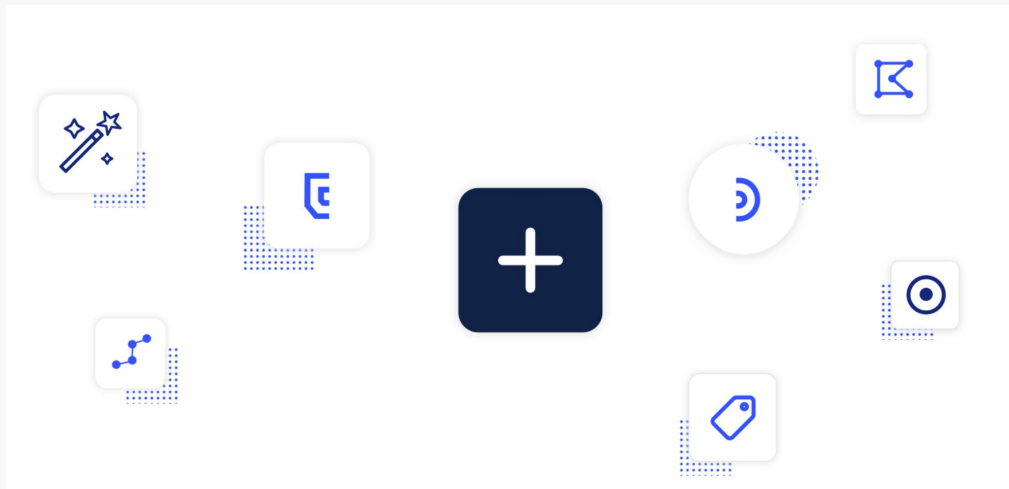
### **“Eat your own dog food”**

The Dataloop platform is built entirely on top of an extensive python SDK.

It gives you a direct access to your projects with your code.

The SDK allows you to experience a variety of ways to automate your work on the platform and create, read, update, delete:

- Projects
- Datasets
- Items
- Annotations
- Metadata
- And much more



### 1- Install python:

Python version **3.5.4 or later** needs to be installed on your system. The installation can be found here - [official website](#).

### 2- Install dtlpy package:

-Make sure you have **pip** installed on your computer, if not, the installation can be found here [official website](#).

-Install Dataloop SDK package : `pip install dtlpy`

### 3- Login: (expires every 24h)

```
import dtlpy as dl
if dl.token_expired():
    dl.login()
```

### 4- Logout:

```
dl.logout()
```

### 5- Update:

```
pip install dtlpy --upgrade
```

Click [here](#) to explore the dtlpy latest version and version history and check the release notes and changes for each version.

**Now let's go and try it out**

more info click [here](#).

Now we'll do a technical demo and cover the following topics:

- Items
- Projects
- Dataset
- Filter
- Annotate items (classification and box)
- Metadata

Now you know the basics of how to use our SDK, and we'll explore that more in our next sessions.

You can visit our documentation [here](#).

More about dtlpy entities [here](#).

Check out the [SDK cheat sheet](#) , and if you have any questions maybe you'll find your answer [here](#), if not feel free to ask us any time !

Open the Task [here](#)--090.

**Thank You!**