

1

```
!pip install pyspark
!pip install findspark
!pip install wget
```

```
Installing collected packages: py4j, pyspark
Successfully installed py4j-0.10.9.7 pyspark-3.5.5
WARNING: You are using pip version 21.2.4; however, version 25.0.1 is available.
You should consider upgrading via the '/local_disk0/.ephemeral_nfs/envs/pythonEnv-a49ec2e0-2764-491a-951e-3e74a0f50169/bin/python -m pip install --upgrade pip' command.
Collecting findspark
  Downloading findspark-2.0.1-py2.py3-none-any.whl (4.4 kB)
Installing collected packages: findspark
Successfully installed findspark-2.0.1
WARNING: You are using pip version 21.2.4; however, version 25.0.1 is available.
You should consider upgrading via the '/local_disk0/.ephemeral_nfs/envs/pythonEnv-a49ec2e0-2764-491a-951e-3e74a0f50169/bin/python -m pip install --upgrade pip' command.
Collecting wget
  Downloading wget-3.2.zip (10 kB)
Building wheels for collected packages: wget
  Building wheel for wget (setup.py) ... done
  Created wheel for wget: filename=wget-3.2-py3-none-any.whl size=9672 sha256=4a6c63abe80eb433b897a2e86bfffefab2946bfff514c7c8926c652345cfb89c0
  Stored in directory: /root/.cache/pip/wheels/04/5f/3e/46cc37c5d698415694d83f607f833f83f0149e49b3af9d0f38
Successfully built wget
Installing collected packages: wget
Successfully installed wget-3.2
WARNING: You are using pip version 21.2.4; however, version 25.0.1 is available.
You should consider upgrading via the '/local_disk0/.ephemeral_nfs/envs/pythonEnv-a49ec2e0-2764-491a-951e-3e74a0f50169/bin/python -m pip install --upgrade pip' command.
```

2

```
import findspark
import warnings

def warn(*args, **kwargs):
    pass

# Suppress generated warnings
warnings.warn = warn
warnings.filterwarnings('ignore')

findspark.init()

from pyspark.sql import SparkSession
```

3

```
spark = SparkSession \
    .builder \
```