

Environment Setup for Autism Classification on MindSpore

Initial first time setting up:

1. Download Miniconda Installer from <https://www.anaconda.com/download>

2. Open Miniconda prompt

```
>conda create -n ms_env python=3.11 anaconda
```

```
>conda activate ms_env
```

Installing Jupyter Notebook for MINICONDA

```
>conda --version
```

```
>conda create -n jupyter_env python=3.11
```

```
>conda activate jupyter_env
```

```
>conda install jupyter
```

```
>jupyter notebook
```

In Jupyter Notebook, Open *new -> Python 3(ipy) kernel* and install the below libraries.

```
!pip install mindspore
import mindspore
print(mindspore.__version__)
mindspore.run_check()
```

```
pip install pandas
import pandas as pd
print(pd.__version__)
```

```
pip install scikit-learn
import sklearn
print(sklearn.__version__)
```

```
pip install mindcv
import mindcv
pip install matplotlib
```