

# REQUIREMENTS

## OVERVIEW

This document outlines the required dependencies and setup required to run the machine learning evaluation scripts.

## PYTHON VERSION

Python 3.8 or higher is recommended.

## REQUIRED PACKAGES

- pandas ( $\geq 1.3.0$ )
- numpy ( $\geq 1.21.0$ )
- scikit-learn ( $\geq 1.0$ )
- xgboost ( $\geq 1.5.0$ )
- matplotlib ( $\geq 3.4.0$ )
- scipy ( $\geq 1.7.0$ )

## INSTALLATION INSTRUCTIONS

Use the following command to install the necessary dependencies:

```
pip install pandas numpy scikit-learn xgboost matplotlib scipy
```

## CHECKING INSTALLED VERSIONS

To verify the installations:

```
pip show pandas
```

```
python --version
```

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