User Guide

Welcome to the Citation Prediction project! This guide will walk you through setting up your environment and running the model to predict citation relevance using the Cora dataset.

Setup Instructions

1. **Python Environment Setup**

Ensure you have Python installed on your system. This project requires a Python version between 3.6 and 3.9. We recommend using a virtual environment for this project to manage dependencies efficiently.

Create a Virtual Environment: Open a terminal or command prompt and navigate to your project directory. Execute the following command to create a virtual environment named '*env*':

'*python -m vent env'*

2. **Activate the Virtual Environment**:

- On Windows, use:

'*.\env\Scripts\activate'*

- On macOS/Linux, use:

'*source env/bin/activate*'

3. **Download the Project and Dataset**

- **Clone the Repository**: Clone the project repository from GitHub using the following command:

'git clone https://github.com/ilia054/Citation-Predictions'

- **Download the Cora Dataset**: The Cora dataset is required for the model. It can be downloaded from Kaggle at this URL: Cora Dataset on Kaggle. Please download and extract the dataset to a known location on your machine.

4. Install Required Libraries

Install all necessary libraries listed in the project's '*requirements.txt*' file. Ensure your virtual environment is activated, then run the following command in the terminal or command prompt:

'pip install -r requirements.txt'

5. Running the Model

With the environment set up and dependencies installed, you are now ready to run the model:

'*python CitationPrediction.py*'

Navigate to the project directory in your terminal or command prompt.

Execute the main script