

GenAI App - AI Code Reviewer

Objective

The objective of this project is to develop a Python application that allows users to submit their Python code for review and receive feedback on potential bugs along with suggestions for fixes. The application should be user-friendly, efficient, and provide accurate bug reports and fixed code snippets.

An AI Code Reviewer

Enter your Python code here ...

Generate

User Interface

1. The application should have a clean and intuitive user interface built using **Streamlit**.
2. Users should be able to easily input their Python code into the application.

Code Review Functionality

1. Utilize the **OpenAI API** for code review functionality.
2. The application should analyze the submitted code and identify potential bugs, errors, or areas of improvement.
3. The application should also provide the fixed code snippets.

An AI Code Reviewer

Enter your Python code here ...

```
import NUMPY as np  
  
print(np.random.randint(1, 10))
```

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Code Review

Bug Report

The bugs in the code are: 1. Incorrect import statement for numpy library. 2. Typo in the print function.

Fixed Code

```
import numpy as np  
  
print(np.random.randint(1, 10))
```