Sentiment Analysis using BERT

This project is a web application that performs sentiment analysis on user-provided text using a BERT model. The application is built using Streamlit and the `transformers` library.

Features

- Analyze the sentiment of multiple sentences.
- Display results with sentiment labels and confidence scores.
- Provide example sentences for quick testing.
- Clear input functionality.

Installation

1. Clone the repository:

```
git clone https://github.com/yourusername/project1.git
cd project1
```

2. Install the required dependencies:

```
pip install -r requirements.txt
```

Usage

1. Run the Streamlit application:

```
streamlit run project1_cv.py
```

2. Open your web browser and go to http://localhost:8501.

3. Enter one or more sentences (each sentence on a new line) in the text area provided.

4. Click the "Analyze Sentiment" button to see the sentiment analysis results.

Example

You can try the example sentences provided by clicking the "Try an Example" button. The example sentences include:

- "I love this place, it's amazing!"
- "The service was very bad."
- "It's okay, nothing special."

- "I'm extremely disappointed!"
- "This is the best experience I've ever had!"

Dependencies

- streamlit
- transformers
- pandas

License

This project is licensed under the MIT License. See the LICENSE file for details.