**Assignment Submission Template: Analyzing Movie Reviews Using Python and Machine Learning**

**Student Details:**

* **Name**: [Your Full Name]
* **Email**: [Your Email Address]
* **Submission Date**: [Enter Date]

**Section 1: Data Preparation**

1. **Dataset Source**:
   * Dataset Name: [Enter Dataset Name]
   * Source/Link: [Provide URL or Reference]
2. **Dataset Description**:
   * Number of reviews: [Enter Number]
   * Labels: [Enter Labels, e.g., Positive/Negative]

**Section 2: Data Preprocessing**

1. **Steps Implemented**:
   * Tokenization: [Yes/No]
   * Stopword Removal: [Yes/No, mention library used]
   * Stemming: [Yes/No, mention library/tool used]
   * Lemmatization: [Yes/No, mention library/tool used]
2. **Example Preprocessed Text**:  
   Original Review:  
   [Add a sample review here]  
   Preprocessed Review:  
   [Add the corresponding processed review here]

**Section 3: Model Training**

1. **Feature Extraction**:
   * Method Used: [CountVectorizer or other]
   * Vocabulary Size: [Enter Size, e.g., 5000]
2. **Model Details**:
   * Algorithm Used: [e.g., Naive Bayes]
   * Training Set Size: [Enter Size]
   * Testing Set Size: [Enter Size]

**Section 4: Model Evaluation**

1. **Evaluation Metrics**:
   * Accuracy: [Enter Value]
   * Precision: [Enter Value]
   * Recall: [Enter Value]
   * F1-Score: [Enter Value]

**Section 5: Bonus Tasks (Optional)**

1. **Additional Model Comparison**:
   * Algorithm: [Mention Alternative Algorithm Used]
   * Performance Comparison: [Summarize Results]
2. **Visualization**:
   * Include a word cloud or any other relevant visualization if implemented.

**Submission Files:**

1. Python script or Jupyter Notebook: [Attach File or Link]