Lesson Plan: Mood2Emoji Text Classification App

Age Group: 12-16 years
Duration: 60 minutes

Topics Covered:
- What is Sentiment Analysis?
- Using Python libraries for text analysis (TextBlob).
- Building an interactive app with Streamlit.
- Importance of filters for safe content online.

Activity:
- Students will input sentences and observe mood outputs.
- Modify or add bad words to the filter list.
- Create new emoji rules or explanations.

Learning Outcomes:
- Understand basic NLP and AI concepts.
- Develop skills in Python programming and UI development.
- Appreciate the role of safety in apps for kids.