Python

Explain

import streamlit as st

import pandas as pd

from transformers import AutoModelForSequenceClassification, AutoTokenizer

# Load model and tokenizer

model = AutoModelForSequenceClassification.from\_pretrained('model.pth')

tokenizer = AutoTokenizer.from\_pretrained('tokenizer.pkl')

# Load data

data = pd.read\_csv('data.csv')

# Create chatbot interface

st.title("Boiler Water Chemistry Chatbot")

user\_input = st.text\_input("Ask a question:")

# Process user input and display response

if st.button('Submit'):

# Call your model prediction function here

prediction = predict(user\_input)

st.write(prediction)