Week 6 - AI Project deployment

Main.py :

```python
import streamlit as st
st.title("Order to Delivery Time Prediction")
st.header("Input Order Details")


product_category = st.selectbox("Product Category",
                ["Electronics", "Clothing", "Home Appliances", "Books",
"Other"])
customer_location = st.text_input("Customer Location")
shipping_method = st.selectbox("Shipping Method",
                ["Standard", "Express", "Overnight"])



def predict_delivery_time(product_category, shipping_method):
    category_mapping = {"Electronics":0, "Clothing":1,
                        "Home Appliances":2, "Books":3, "Other":4}
    shipping_mapping = {"Standard":0, "Express":1, "Overnight":2}


    return (category_mapping[product_category]
        + shipping_mapping[shipping_method]
        + 2)
# Simplified formula for demonstration


if st.button("Predict Delivery Time"):
    if customer_location:
        delivery_time = predict_delivery_time(product_category,
shipping_method)
        st.success(f"Predicted delivery time: {delivery_time} days")
    else:
        st.error("Please enter a valid customer location")
```

Streamlit: https://order-to-delivery-time-prediction.streamlit.app/

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