from preprocess import clean\_text

from model import load\_model, predict\_news

from fact\_check import simulate\_fact\_check

from score import calculate\_misinformation\_score

known\_facts = ["COVID-19 vaccines are effective", "Earth revolves around the Sun"]

def main():

sample\_news = "The vaccine was rushed and is not tested properly."

cleaned = clean\_text(sample\_news)

tokenizer, model = load\_model()

label = predict\_news(cleaned, tokenizer, model)

fact\_score = simulate\_fact\_check(cleaned, known\_facts)

misinfo\_score = calculate\_misinformation\_score(label, fact\_score)

print(f"Label: {'Fake' if label == 1 else 'Real'}")

print(f"Misinformation Score: {misinfo\_score}%")

if \_\_name\_\_ == "\_\_main\_\_":

main()