CODE

A screenshot of a computer program

AI-generated content may be incorrect.

->Problem Statement 2: Demographics and Accidents

import pandas as pd

import seaborn as sns

import matplotlib.pyplot as plt

# Load the dataset

df = pd.read\_csv(r"C:\Users\abhay\Downloads\kaam\RTA Dataset.csv")

# Show first few rows

print(df.head())

# Objective 1: Gender distribution

print(df['Sex\_of\_casualty'].value\_counts())

# Objective 2: Accident involvement by age group

print(df['Age\_band\_of\_casualty'].value\_counts())

# Objective 3: Most affected occupation group

print(df['Educational\_level'].value\_counts())

# Objective 4: Education level vs accident occurrence

print(df.groupby('Educational\_level')['Accident\_severity'].value\_counts())

