**Traffic Management & Optimization:**

Data science helps control traffic by analysing GPS data and real-time vehicle movement. AI predicts congestion, adjusts traffic lights, and suggests better routes.

**Spam Email Detection:**

AI filters spam emails by analysing text, sender details, and patterns. Machine learning blocks phishing and malware, improving accuracy over time.

**Journalism & Fake News Detection:**

AI detects fake news by analysing text and verifying sources. Machine learning finds biased content and deepfakes. Data science personalizes news and tracks public opinion.

**Smart Cities & Urban Planning:**

Data science helps cities manage energy, pollution, and traffic. AI improves waste management and disaster response. Smart sensors collect data for better planning and sustainability.

**Mental Health & Well-being:**

AI chatbots support mental health by detecting distress in text and speech. Wearable devices track stress and sleep, offering wellness insights. Social media analysis helps detect early signs of depression.