**Unacceptable Risk**

Scenario: Social Scoring System

• Description: A government implements an AI system that assigns scores to citizens based on their social behavior, financial status, and online activities.

• Risk: This could lead to discrimination, loss of privacy, and social exclusion, making it an unacceptable risk under the EU AI Act.

**High Risk**

Scenario: AI in Healthcare

• Description: A hospital uses an AI system to diagnose diseases and recommend treatments based on patient data.

• Risk: Incorrect diagnoses or treatment recommendations could have serious health consequences. Therefore, this AI system is subject to strict regulations and oversight.

Scenario: Autonomous Vehicles

• Description: A company deploys self-driving cars on public roads.

• Risk: Malfunctions or errors in the AI system could lead to accidents, posing significant safety risks. These systems must comply with rigorous safety standards.

**Limited Risk**

Scenario: Customer Service Chatbots

• Description: An e-commerce website uses AI-powered chatbots to handle customer inquiries and support.

• Risk: While the risk is lower, transparency is required to inform users they are interacting with an AI, ensuring ethical use.

Scenario: Recommendation Systems

• Description: A streaming service uses AI to suggest movies and shows based on user preferences.

• Risk: The main concern is ensuring that users are aware of how their data is being used, which is manageable with transparency obligations.

**Minimal Risk**

Scenario: Spam Filters

• Description: An email service provider uses AI to filter out spam and phishing emails.

• Risk: The risk is minimal as these systems are designed to enhance user experience without significant negative impacts.

Scenario: AI-Powered Games

• Description: A video game developer uses AI to create adaptive and intelligent non-player characters (NPCs) to enhance gameplay.

• Risk: These systems pose minimal risk as they are primarily for entertainment purposes.