

Solutions

Each answer shows the steps, then the **result**.

2.1

- a network logs millions of events daily that humans cannot read, but AI can sort them quickly

2.2

- benefit: responds in seconds not days; limitation: it is probabilistic and needs human review

2.3

- AI guesses are probabilistic and can be wrong; a bad rule could block real users or miss a threat

3.1 B

- speed of response is AI's key advantage

3.2 C

- the final risk decision is a human/policy call

3.3

(a)

- the volume is far too large for people to read

(b)

- AI sorts and flags the likely-malicious events; a human reviews and decides on the flagged cases