Requirement Analysis for Fake Reviews Detection
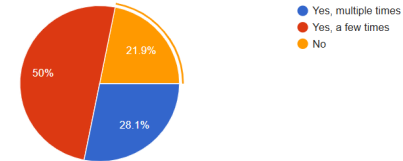
Age Group
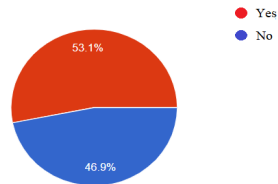
- Very confident
- Somewhat confident
- Neutral
- Not confident at all

46.9%
37.5%
12.5%

Trust in Online Reviews

- Under 18
- 18 - 25
- 26 - 35
- 36 - 45

31.3%
62.5%

Tricked by Fake Reviews

- Yes, multiple times
- Yes, a few times
- No

50%
21.9%
28.1%
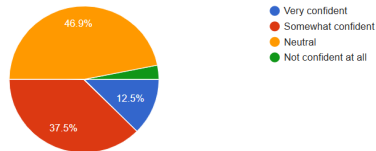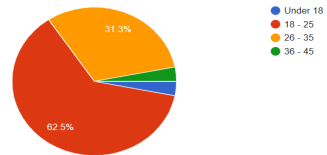
Reported a Fake Review

- Yes
- No

53.1%
46.9%

Impact of Fake Reviews in E-commerce

Not Significant --- Very Significant

3 (9.4%)   1 (3.1%)   6 (18.8%)   14 (43.8%)   8 (25%)

1   2   3   4   5

Time Spent on Reviews

- Less than 5 minutes
- 5-10 minutes
- 10-20 minutes
- More than 20 minutes

43.8%
9.4%
43.8%

Fake Reviews and Buying

- Yes, significantly
- Somewhat
- No

34.4%
59.4%

Fake Reviews and Trust

- Severely impact trust
- Somewhat impact trust
- Neutral
- Have little to no impact on trust

50%
15.6%
34.4%
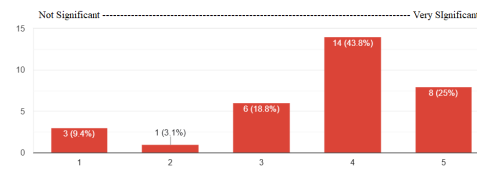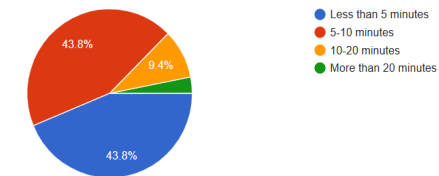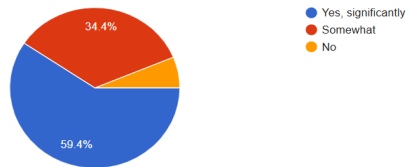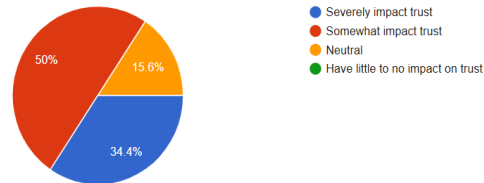
Avoided Purchase Due to Reviews

- Yes
- No

93.8%

Reliance on Reviews

- Always
- Often
- Sometimes
- Rarely

40.6%
18.8%
34.4%

Using a Fake Review Tool

- As a browser extension
- Integrated into e-commerce platforms
- As a mobile app

34.4%
31.3%
34.4%
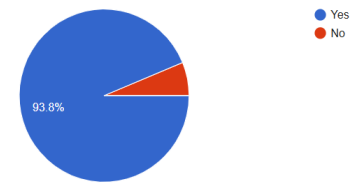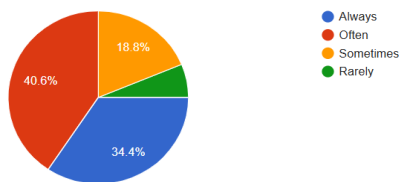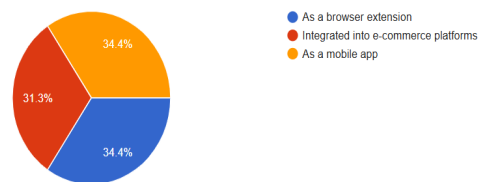
Reasonable Price for Tool

- Free
- Subscription-based (e.g., $5-$10/month)
- One-time purchase (e.g., $10-$50)

75%
18.8%