

## 1. Introduction (200 words)

- Introduce online political misinformation in general:
  - definition
  - general motivations behind it
  
- “This literature review will assess and discuss how political disinformation of this kind affects users of the social media site Facebook” in the following ways:
  - use in political elections
    - generation
    - dissemination
    - motivations
    - consequences
  - current modes of misinformation detection and prevention using Cybersecurity tools and their rates of success / failure
  - Tools that can be used for prevention which may not be in use currently, their rates of success, and usability for additional prevention
  - Conclusions concerning Facebook’s prevention scope and possible areas of improvement / growth

## 2. Social Media, Misinformation, and Politics (400 words)

- Facebook is among the most utilized social media applications for political misinformation dissemination.
  - 2<sup>nd</sup> only to Whatsapp
  - Has the lesser amounts of corrections / alternate viewpoints in comments
  - Has multiple forms:
    - user posts
    - hypertext news articles
    - advertisements
  
- Fake news can have the following characteristics:
  - false knowledge
  - inflammatory writing styles
  - expansive propagation patterns
  - (lack of) credibility of sources
  
- Users can be susceptible to online misinformation for a variety of reasons
  - faulty judgment / reasoning
  - peer sharing
  - personal biases
  - lack of technological literacy

- Misinformation is used primarily to upset political aims in elections, conflicts, referendums, and public health:

- 2016 US Presidential election
- 2016 UK EU Exit campaign
- 2018 Brazilian election
- 2019 Portuguese election
- 2019 Nigerian election
- 2019 COVID-19 pandemic
- 2023 Russian invasion of Ukraine

- To combat this, Facebook must employ prevention techniques and tools.

### 3. Misinformation Prevention (500 words)

#### 3.1 Within Facebook (250 words)

- How Facebook prevents misinformation dissemination

- fact checking
- flagging
- warning labels

#### 3.2. Preventative Measures More Broadly (250 words)

-Academic and research findings for misinformation prevention

- statistical analysis
- corpus detection
- algorithms

#### 4.1 Discussion (700 words)

- How Facebook's measures stand up against measures more broadly
- Pros and cons according to the literature for Facebook vs broad tools
- Suggestions for improvement
- Future trends according to the literature

### 5. Conclusions (200 words)

- Reiterate purpose of paper
- Tie up all ends

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