The ethical quandaries stemming from Cambridge Analytica's use of fake social media accounts to influence the 2016 presidential vote affect both technical and socio-technical systems. Privacy Invasion, Dissemination of False Information, and Exploitation of Social Media Algorithm are implicated regarding technical systems being affected. First, deceptive interactions occur within technical level regarding Privacy Invasion. Second, the algorithm-driven spread of misinformation implicates technical systems in regard to Dissemination of False Information. Third, the Exploitation of Social Media Algorithms ties to technical systems by the act of creating counterfeit accounts.

Furthermore, the ethical quandaries also affect socio-technical systems. First, Privacy Invasion can lead to unwanted data collections among users. Second, Manipulation of Public Opinion heavily impacts socio-technical systems by creating collective sentiments. Third, Dissemination of False Information affects socio-technical systems by bring about misleading information among people. Fourth, It is apparent that Violation of Democratic Principles possess huge influence in socio-technical systems because the act is a manipulation of electoral processes clashing with democratic values. Fifth, Psychological Manipulation pertains to socio-technical systems by fostering biased opinions. Lastly, the Exploitation of Social Media Algorithms harms socio-technical systems through eroding user confidence in the social media platform. In conclusion, these ethical dilemmas underscore the interdependency of human behavior, technological tools, and societal structures.