

Team Number:

School Name: Espanola Sayansi Club

Area of Science: Computer Science/Forensic Psychology

Project Title: Fake or Facts

Forensic Psychologists play an important role in solving criminal cases. A forensic psychologist job is to use their psychological knowledge to find details about a suspect including their mental health and state of mind. They also find whether the suspect, as well as the witnesses, are lying or telling the truth. Forensic Psychologists look for inconsistencies in witnesses information and they give a testimony in court. Forensic Psychology has been somewhat replaced by computer based psychological test such as the polygraph, even though in several states using a polygraph as evidence is illegal and it can only be used as a supporting cause that may sway the jury.

I am trying to find whether or not a computer can predict guilt or innocence better than a person can. It is important because it can show whether it is better to have a forensic psychologist or a computer based test, such as a polygraph. I plan to create a model by feeding a series of questions to my model, based on actual interrogation question in which the suspect is found guilty, innocent, temporary insanity, and/or mental health, to find if a suspect is lying or telling the truth. I also plan to study forensic psychology for at least a one month period before testing the program against a my ability to predict if a suspect is lying based on the same questions.

References

<http://www.allpsychologyschools.com/forensic-psychology/job-description/>

<http://www.legalmatch.com/law-library/article/admissability-of-polygraph-tests-in-court.html>

Team Members

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