

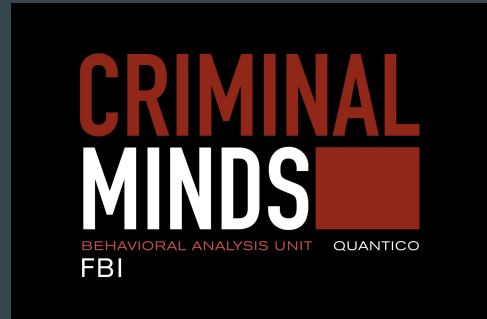
FBI Profiler



What Does an FBI Profiler Do?

An FBI profiler is a person who analyzes criminal cases for the Federal Bureau of Investigation (FBI) in order to get a psychological, behavioral and legal profile of a criminal.

The Special Agent, otherwise known as a FBI profiler, creates criminal profiles using observations and statistical probability. The art of criminal profiling revolves around compiling a personality of the criminal and in-depth analysis based on how the crime was committed. The profiler takes into consideration any evidence left at the crime scenes, statements from eyewitnesses and statistics from similar crimes.



Use of Math

FBI Profilers use all kinds of math, from basic addition to geometry and pattern analysis to statistics and probability to reasoning and logic.

Mary Ellen, an actual FBI profiler, said in an interview, “...if I were working a serial murder case, I might study the age of the victims and the period of time that the crimes occurred to make a prediction about the killer’s age.” She then went on to say, “I feel comfortable with the math I know and need to do my job. My job did not require advanced algebra or differential equations. It required logic and reasoning and both were applied to real life—real crimes and real people. That breathed a lot of life into math for me and made it exciting.”

Math Problem

Formula: **speed = distance / time**

A police officer chased a suspect for 100 miles for 2 hours. What was the average speed of the officer?

Average speed of officer = (100 miles) / (2 hours) = 50 miles / hour.

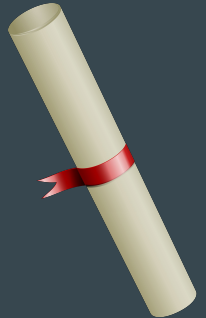
Required Math

- Basic Algebra
- Geometry
- Pattern Analysis
- Statistics
- Probability
- Reasoning & Logic

Education

The FBI requires all agents to hold at least a bachelor's degree from an accredited U.S. college. Candidates with military or law enforcement experience are not exempt from this education requirement.

The FBI does not require agents to have a degree in a specific program, though aspiring FBI profilers should choose a degree program that will help develop the critical skills they need to analyze criminal behavior and develop suspect profiles. Suggested degree programs include psychology, criminology, or sociology.



Works Cited

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