

## Unit 1

Unit 1 of "Scientific Investigation and Ethics" presents a thorough review of the goal of research, the scientific method, different forms of reasoning, and the significance of research ethics. I have learned the fundamental forms of deductive and inductive reasoning. I also learned the significance of ethics in research, distinguishing between ethics and morality. According to Mitchell (2018), ethics are guidelines established by an authority, whereas morals are an individual's personal beliefs about what is right and wrong.

I discovered the importance of research ethics particularly in research involving human participants which is beneficial in my capstone project in future. The fundamental ethical principles of obtaining informed consent and respecting the rights of research participants are essential in any research involving or pertaining to human subjects (Vanclay et al., 2013; Bailey et al., 2013).

## References

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