

Inductive Reasoning

process of reasoning in which the premises are viewed as supplying some evidence for the truth of the conclusion.

VS.

Deductive Reasoning

process of reasoning from 1 or more premises to reach a logically certain conclusion

Inductive

Premise 1 There is a bag of coins.

Premise 2 A coin pulled from the bag is a penny.

Conclusion All the coins in the bag are pennies.

Deductive

Premise 1 All men are mortal.

Premise 2 Barak Obama is a man.

Conclusion Barak Obama is mortal.