

## Flashcards – Introduction to Statistics

### **Flashcard 1**

**Q:** What is the purpose of statistics in project management?

**A:** To collect, analyze, and interpret data to support informed decision-making, improve performance, and manage risks in projects.

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### **Flashcard 2**

**Q:** What is the difference between descriptive and inferential statistics?

**A:** Descriptive statistics summarize data (e.g., mean, median), while inferential statistics use samples to make predictions or conclusions about a population.

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### **Flashcard 3**

**Q:** What are common measures of central tendency?

**A:** Mean, median, and mode.

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### **Flashcard 4**

**Q:** Why is probability important in project management?

**A:** It helps measure uncertainty and supports risk assessment and decision-making under uncertain conditions.

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### **Flashcard 5**

**Q:** What is the role of sampling in statistics?

**A:** Sampling allows data to be collected from a subset of a population to make inferences about the whole population efficiently.