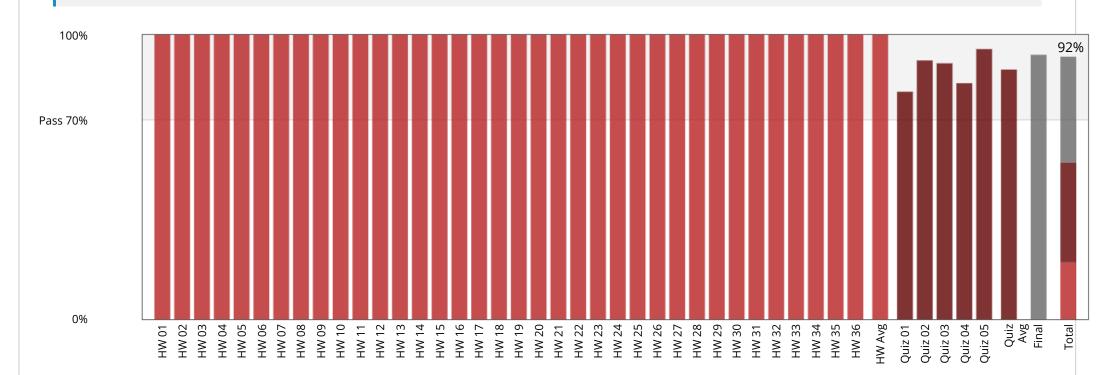


# Course Progress for Student 'Shailin\_Shah' (shailinmshah@gmail.com)

#### Your enrollment: Audit track

You are enrolled in the audit track for this course. The audit track does not include a certificate.



#### Introduction

# **Online Courses from Microsoft**

No problem scores in this section

#### <u>Welcome</u>

No problem scores in this section

# **Course Syllabus**

No problem scores in this section

#### **Course Schedule and Grading**

No problem scores in this section

## **Statistics and Probability Primer**

No problem scores in this section

### <u>Set up Excel</u>

No problem scores in this section

## **Download Course Files**

No problem scores in this section

#### Pre-Course Survey (1/1) 100%

Homework

Problem Scores: 1/1

# Module 1:

**Descriptive Statistics** 

**<u>Defining Data</u>** (8/8) 100%

Homework

**Problem Scores:** 2/2 2/2 2/2 2/2

Histograms and Skewness (3/3) 100%

Homework

Problem Scores: 1/1 1/1 1/1

<u>Descriptive Statistics with Analysis ToolPak (6/6) 100%</u>

Homework

Problem Scores: 1/1 4/4 1/1

**Boxplots** (7/7) 100%

Homework

**Problem Scores:** 1/1 3/3 3/3

Categorical Data, PivotTables, and PivotCharts (7/7) 100%

Homework

Problem Scores: 2/2 2/2 3/3

Summarizing Hierarchical Data (5/5) 100%

Homework

**Problem Scores:** 2/2 2/2 1/1

**80-20 Rule and Pareto Charts** (2/2) 100%

Homework

Problem Scores: 1/1 1/1

**Module 1 Discussion** 

No problem scores in this section

**Module 1 Quiz** (12/15) 80%

Quiz

0/1 1/1 1/1 1/1 1/1 1/1

Module 2 : Basic Probability

Introduction to Probability (3/3) 100%

Homework

Problem Scores: 1/1 1/1 1/1

Law of Complements (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Mutually Exclusive and Independent Events (3/3) 100%

Homework

Problem Scores: 1/1 1/1 1/1

Conditional Probability (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Law of Total Probability and Bayes Rule (4/4) 100%

Homework

**Problem Scores:** 1/1 1/1 2/2

**Additional Reading and Review** 

No problem scores in this section

**Module 2 Discussion** 

No problem scores in this section

Module 2 Quiz (10/11) 91%

Quiz

**Problem Scores:** 1/1 1/1 1/1 1/1 1/1 1/1 1/1 0/1

1/1 1/1

Module 3 : Random Variables

Random Variable Definitions (9/9) 100%

Homework

Problem Scores: 4/4 4/4 1/1

Mean, Variance, and Standard Deviation of a Random Variable (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Mean, Variance, and Standard Deviation for Sum of Random Variables

(9/9) 100%

Homework

Problem Scores: 3/3 3/3 3/3

**Binomial Random Variable** (8/8) 100%

Homework

Problem Scores: 3/3 3/3 2/2

Poisson Random Variable (3/3) 100%

Homework

Problem Scores: 1/1 1/1 1/1

Normal Random Variable (6/6) 100%

Homework

**Problem Scores:** 2/2 2/2 2/2

Central Limit Theorem (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

**Z Scores** (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Module 3 Discussion

No problem scores in this section

Module 3 Quiz (19/21) 90%

Quiz

1/1 1/1 1/1 1/1 1/1 1/1 Problem Scores: 1/1 1/1 0/1 1/1 1/1 1/1 1/1 0/1 1/1 1/1 1/1 1/1 1/1

Module 4 : Sampling and Confidence Intervals

Populations and Samples (4/4) 100%

Homework

**Problem Scores:** 2/2 1/1 1/1

Point Estimation of a Population Mean and Proportion (6/6) 100%

Homework

Problem Scores: 2/2 2/2 2/2

The Standard Normal (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Confidence Interval Estimation (4/4) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1 1/1

Sample Size Determination (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

The Finite Correction Factor (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

**Additional Reading** 

No problem scores in this section

**Module 4 Discussion** 

No problem scores in this section

Module 4 Quiz (10/12) 83%

Quiz

Problem Scores: 1/1 1/1 0/1 1/1 1/1 0/1 1/1 1/1 1/1

1/1 1/1 1/1

Module 5 : Hypothesis Testing **Defining Hypotheses** (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Type I and Type II Error (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

One Sample Z-Test (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

**One Sample T-Test** (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Single Sample Test for Population Proportion (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

Testing Equality of Variances (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

<u>Testing the Difference Between Two Population Means (</u>3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

<u>Chi-Squared Test for Independence</u> (3/3) 100%

Homework

**Problem Scores:** 1/1 1/1 1/1

<u>Additional Reading</u>

No problem scores in this section

Module 5 Discussion

No problem scores in this section

Module 5 Quiz (19/20) 95%

Quiz

Problem Scores: 1/1 1/1 1/1 1/1 1/1 0/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1

**Final Exam** (28/30) 93%

Final Exam

 Problem Scores:
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Post-Course Survey (1/1) 100%

Homework

Problem Scores: 1/1