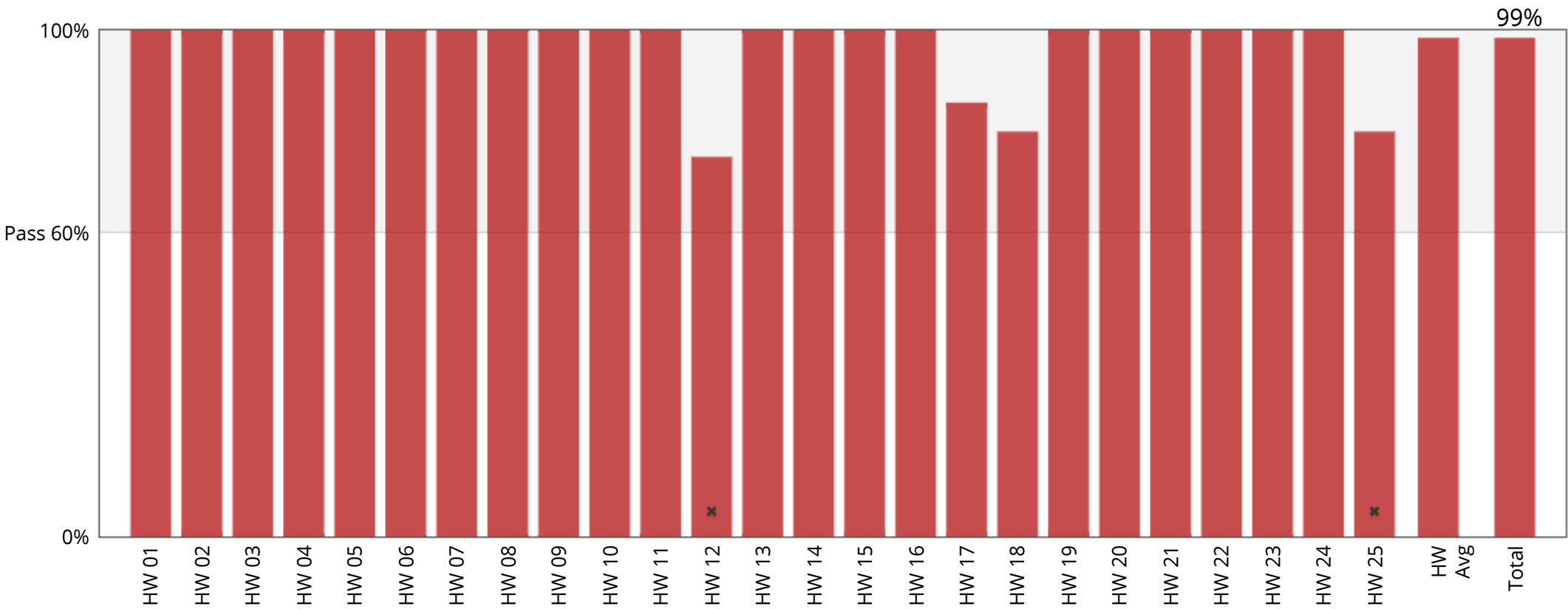




Course Progress for Student 'sandipan_dey' (sandipan.dey@gmail.com)

Your enrollment: Audit track

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



Welcome!

Introduction to the course

No problem scores in this section

Pre-Assignment: Measuring success of an online course

No problem scores in this section

Week 1:
Introduction to
Data Science

Introduction to Data Science

No problem scores in this section

1a What is Data Science?

No problem scores in this section

1b What questions can Data Science answer?

No problem scores in this section

1c Why is there an explosion of data?

No problem scores in this section

1d What role does data visualization play in Data Science?

No problem scores in this section

1e How did you become interested in Data Science?

No problem scores in this section

1f What do you predict will happen in Data Science in 5 years?

No problem scores in this section

1g What are the most important skills for a Data Scientist?

No problem scores in this section

1h What should a non-Data Scientist know about Data Science?

No problem scores in this section

1i Assignment: A Very Short History of Data Science (4/4) 100%

Homework

Problem Scores: 4/4

1j Assignment: What is Data Science? (7/7) 100%

Homework

Problem Scores: 7/7

Week 2: Statistics
and Probability I

2a Statistical Thinking for Data Science (4/4) 100%

Homework

Problem Scores: 4/4

2b Numerical Data 1 Simple Visualization and Summaries (7/7) 100%

Homework

Problem Scores: 2/2 5/5

2c Numerical Data 2 Simple Visualization and Summaries

No problem scores in this section

2d Numerical Data 3 Association

No problem scores in this section

2e Data Collection - Sampling (2/2) 100%

Homework

Problem Scores: 2/2

2f Introduction to Probability (2/2) 100%

Homework

Problem Scores: 2/2

2g Statistical Inference - Confidence Intervals

No problem scores in this section

2h Statistical Inference - Significance tests

No problem scores in this section

2i Status of Current Observational Health Studies (3/3) 100%

Homework

Problem Scores: 3/3

2j Statistical Terms Explained

No problem scores in this section

2k Unknown Characteristics of Observational Health Studies (4/4)

100%

Homework

Problem Scores: 4/4

2l Lessons Learnt from OMOP Experiments

No problem scores in this section

2m P-value Calibration

No problem scores in this section

2n Concluding Remarks

No problem scores in this section

Week 2 Reading List

No problem scores in this section

Week 3: Statistics and Probability II

3a Conditional Probability

No problem scores in this section

3b Bayes' Formula (2/2) 100%

Homework

Problem Scores: 2/2

3c Studying Association: Two-way Table

No problem scores in this section

3d Studying Association: Chi-square Test of Independence

No problem scores in this section

3e Studying Association: One-way Analysis of Variance (6/6) 100%

Homework

Problem Scores: 6/6

3f Regression Analysis 1 and 2

No problem scores in this section

3g Regression Analysis 3 and 4

No problem scores in this section

3h Regression Analysis 4 and Concluding Remarks (3/3) 100%

Homework

Problem Scores: 3/3

3i Types of Data Analytics (3/4) 75%

Homework

Problem Scores: 3/4

3j Clustering Text (6/6) 100%

Homework

Problem Scores: 6/6

3k Topic Modeling

No problem scores in this section

3l Metrics for Label Description (8/8) 100%

Homework

Problem Scores: 2/2 6/6

3m Concluding Remarks (5/5) 100%

Homework

Problem Scores: 5/5

Week 4:
Exploratory Data
Analysis and
Visualization

Week 4: Recommended Readings

No problem scores in this section

4a Graphs Are Comparisons

No problem scores in this section

4b Use Data To Answer Questions

No problem scores in this section

4c A Case Example

No problem scores in this section

4d Decision Making Process of Data Visualization 1

No problem scores in this section

4e Decision Making Process of Data Visualization 2 (3/3) 100%

Homework

Problem Scores: 3/3

4f Decision Making Process Main Worked Example

No problem scores in this section

4g Why Visualize Data Worked Example 1

No problem scores in this section

4h Why Visualize Data Worked Example 2 (6/7) 86%

Homework

Problem Scores: 3/3 3/4

4i Dashboards

No problem scores in this section

4j Dashboards Worked Example 1 (4/4) 100%

Practice Scores: 4/4

4k Dashboards Worked Example 2 (4/5) 80%

Homework

Problem Scores: 4/5

Week 5:
Introduction to
Bayesian Modeling

Week 5: Recommended Readings

No problem scores in this section

5a Introduction to Bayesian Modeling (5/5) 100%

Homework

Problem Scores: 5/5

5b Probability Calibration

No problem scores in this section

5c Probability As Measurement of Uncertainty

No problem scores in this section

5d Bayesian Inference (2/2) 100%

Homework

Problem Scores: 2/2

5e How To Use Prior Information (2/2) 100%

Homework

Problem Scores: 2/2

5f Bayesian Modeling in Practice (2/2) 100%

Homework

Problem Scores: 2/2

5g Business Applications in Bayesian Statistics Introduction

No problem scores in this section

5h Data Collection and Model Building 1

No problem scores in this section

5i Data Collection and Model Building 2

No problem scores in this section

5j Model Building Review (4/4) 100%

Homework

Problem Scores: 4/4

5k Model Insights 1

No problem scores in this section

5l Model Insights 2 (3/3) 100%

Homework

Problem Scores: 3/3

5m Example Modeling Museum Membership Renewal

No problem scores in this section

5n Example Modeling User Behavior on a Deals Website

No problem scores in this section

5 Extra Credit Assignment (4/5) 80%

Homework

Problem Scores: 4/5

5 Conclusion

No problem scores in this section

