# ISTE-600 Midterm Grade Sheet Name: Tuheena Singh

|                                | Points<br>Max | Points<br>Earned | Comments                                   |
|--------------------------------|---------------|------------------|--|
| Part I                         | 1110.51       |                  |  |
| #1 - #25 (1.6 pts. each)       | 40            | 28.8             |  |
| Part II                        |               |                  |  |
| 1. NB: same as III.7           | 10            |                  | No points deduction                        |
| 2. a. Accuracy on Training Set | 1.5           |                  |  |
| b. Accuracy on 10-fold CV      | 1.5           |                  |  |
| c. a or b?                     | 1.5           |                  |  |
| d. Misclassified instances     | 1.5           |                  |  |
| 3. a. Remove Missing           | 2             |                  |  |
| b. Accuracy                    | 2             |                  |  |
| 4. Attr Relevant on NB         | 5             | -5               | What is your answer?                       |
| 5. Accuracies                  | 5             | -5               |  |
| a. Effect of noises            | 2.5           | -2.5             |  |
| b. Effect of K                 | 2.5           | -2.5             |  |
| Subtotal                       | 35            | 25               |  |
| Part III                       |               |                  |  |
| 6. FP vs. FN                   | 5             |                  | ok   |
| 7. NB: same as II.1            | 10            | -2               | Another assumption is missing;             |
| 8. Decision Tree               |               | _                | Why not the student_ID?                    |
| Best Split                     | 10            | -5               | Apply SplitInfo (Gain Ratio)               |
|                                | 0.5           | 40               | Lec Slides #41; textbook p134<br>+ 10 = 28 |
| Subtotal                       | 25            | 18               | + 1U = 28                                  |
| Total (I+II+III)               | 100           | 71.8             |  |
| Grade for Midterm              |               | 81.8             |  |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      | 60            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      | 5             |                  |            |
| LOP Main Implications          |               |                  |            |
| Day 2 Par                      |               |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | t III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold CV      | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 - Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 - Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

| Name: |
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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
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| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

| Name: |
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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 - Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
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| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
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| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
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| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 - Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold CV      | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
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| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
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| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold CV      | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                     | Points<br>Max | Points<br>Earned | Comments   |
|-------------------------------------|---------------|------------------|------------|
| Day 1 - Part I                      |               |                  |            |
| #1 - #25 (1.6 pts. each)            | 40            |                  |            |
| (A)                                 |               |                  |            |
| Day 1 – Part II                     | 20            |                  |            |
| A(10 pts)<br>B(10 pts)              | 20            |                  |            |
| Day I Total                         | 60            |                  |            |
| Day 2 Par                           |               |                  |            |
| LOP Main Implications               | 5             |                  |            |
| Day 2 Par                           | t II          |                  |            |
| 1. NB Assumptions                   | 2             |                  |            |
| 2. a. Classification                | 6             |                  |            |
| b. Probabilities                    | 2             |                  |            |
| Subtotal                            | 10            |                  |            |
| Day 2 Part                          | : III         |                  |            |
| 1. a. Accuracy on                   | 1.5           |                  |            |
| Training Set b. Accuracy on 10-fold |               |                  |            |
| CV                                  | 1.5           |                  |            |
| c. a or b?                          | 1.5           |                  |            |
| d. Misclassified                    | 1.5           |                  |            |
| instances                           | 2             |                  |            |
| 2. a. Remove Missing                | 2             |                  |            |
| b. Accuracy 3. Attr Relevant on NB  | 5             |                  |            |
| 4. Accuracies                       | 5             |                  |            |
| a. Effect of noises                 | 2.5           |                  |            |
| b. Effect of K                      | 2.5           |                  |            |
| Subtotal                            | 25            |                  |            |
| Day 2 Total                         | 40            |                  |            |
| •                                   |               |                  |            |
| Total (Day I & II)                  | 100           |                  |            |
| # Tickets                           |               |                  |            |
| /ticket                             |               |                  | Max points |
| Grade for Midterm                   |               |                  |            |

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|                                     | Points<br>Max | Points<br>Earned | Comments   |
|-------------------------------------|---------------|------------------|------------|
| Day 1 - Part I                      |               |                  |            |
| #1 - #25 (1.6 pts. each)            | 40            |                  |            |
| (A)                                 |               |                  |            |
| Day 1 – Part II                     | 20            |                  |            |
| A(10 pts)<br>B(10 pts)              | 20            |                  |            |
| Day I Total                         | 60            |                  |            |
| Day 2 Par                           |               |                  |            |
| LOP Main Implications               | 5             |                  |            |
| Day 2 Par                           | t II          |                  |            |
| 1. NB Assumptions                   | 2             |                  |            |
| 2. a. Classification                | 6             |                  |            |
| b. Probabilities                    | 2             |                  |            |
| Subtotal                            | 10            |                  |            |
| Day 2 Part                          | : III         |                  |            |
| 1. a. Accuracy on                   | 1.5           |                  |            |
| Training Set b. Accuracy on 10-fold |               |                  |            |
| CV                                  | 1.5           |                  |            |
| c. a or b?                          | 1.5           |                  |            |
| d. Misclassified                    | 1.5           |                  |            |
| instances                           | 2             |                  |            |
| 2. a. Remove Missing                | 2             |                  |            |
| b. Accuracy 3. Attr Relevant on NB  | 5             |                  |            |
| 4. Accuracies                       | 5             |                  |            |
| a. Effect of noises                 | 2.5           |                  |            |
| b. Effect of K                      | 2.5           |                  |            |
| Subtotal                            | 25            |                  |            |
| Day 2 Total                         | 40            |                  |            |
| •                                   |               |                  |            |
| Total (Day I & II)                  | 100           |                  |            |
| # Tickets                           |               |                  |            |
| /ticket                             |               |                  | Max points |
| Grade for Midterm                   |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
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| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold CV      | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 – Part II                | 20            |                  |            |
| A(10 pts)<br>B(10 pts)         | 20            |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold         |               |                  |            |
| CV                             | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified instances     | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |

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|  | Points<br>Max | Points<br>Earned | Comments   |
|--|---------------|------------------|------------|
| <b>Day 1 - Part I</b><br>#1 - #25 (1.6 pts. each)<br>( <b>A)</b> | 40            |                  |            |
| Day 1 – Part II<br>A(10 pts)<br>B(10 pts)                        | 20            |                  |            |
| Day I Total  | 60            |                  |            |
| Day 2 Par  |               |                  |            |
| LOP Main Implications  | 5             |                  |            |
| Day 2 Par  | t II          |                  |            |
| 1. NB Assumptions  | 2             |                  |            |
| 2. a. Classification   | 6             |                  |            |
| b. Probabilities   | 2             |                  |            |
| Subtotal   | 10            |                  |            |
| Day 2 Part   | : III         |                  |            |
| 1. a. Accuracy on Training Set                                   | 1.5           |                  |            |
| b. Accuracy on 10-fold CV  | 1.5           |                  |            |
| c. a or b?   | 1.5           |                  |            |
| d. Misclassified instances                                       | 1.5           |                  |            |
| 2. a. Remove Missing   | 2             |                  |            |
| b. Accuracy  | 2             |                  |            |
| 3. Attr Relevant on NB   | 5             |                  |            |
| 4. Accuracies  | 5             |                  |            |
| a. Effect of noises  | 2.5           |                  |            |
| b. Effect of K   | 2.5           |                  |            |
| Subtotal   | 25            |                  |            |
| Day 2 Total  | 40            |                  |            |
|  |               |                  |            |
| Total (Day I & II)   | 100           |                  |            |
| # Tickets  |               |                  |            |
| /ticket  |               |                  | Max points |
| Grade for Midterm  |               |                  |            |

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|                                | Points<br>Max | Points<br>Earned | Comments   |
|--------------------------------|---------------|------------------|------------|
| Day 1 - Part I                 |               |                  |            |
| #1 - #25 (1.6 pts. each)       | 40            |                  |            |
| (A)                            |               |                  |            |
| Day 1 - Part II                |               |                  |            |
| A(10 pts)                      | 20            |                  |            |
| B(10 pts)                      |               |                  |            |
| Day I Total                    | 60            |                  |            |
| Day 2 Par                      |               |                  |            |
| LOP Main Implications          | 5             |                  |            |
| Day 2 Par                      | t II          |                  |            |
| 1. NB Assumptions              | 2             |                  |            |
| 2. a. Classification           | 6             |                  |            |
| b. Probabilities               | 2             |                  |            |
| Subtotal                       | 10            |                  |            |
| Day 2 Part                     | : III         |                  |            |
| 1. a. Accuracy on Training Set | 1.5           |                  |            |
| b. Accuracy on 10-fold<br>CV   | 1.5           |                  |            |
| c. a or b?                     | 1.5           |                  |            |
| d. Misclassified               |               |                  |            |
| instances                      | 1.5           |                  |            |
| 2. a. Remove Missing           | 2             |                  |            |
| b. Accuracy                    | 2             |                  |            |
| 3. Attr Relevant on NB         | 5             |                  |            |
| 4. Accuracies                  | 5             |                  |            |
| a. Effect of noises            | 2.5           |                  |            |
| b. Effect of K                 | 2.5           |                  |            |
| Subtotal                       | 25            |                  |            |
| Day 2 Total                    | 40            |                  |            |
|                                |               |                  |            |
| Total (Day I & II)             | 100           |                  |            |
| # Tickets                      |               |                  |            |
| /ticket                        |               |                  | Max points |
| Grade for Midterm              |               |                  |            |