Lab3 - KNN and Scaling

claudia.antunes@tecnico.ulisboa.pt Switch account

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Dataset NYC collisions

Set 1 - Scaling *   10 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Min-max trasformation	○	○	○	○	○
z-score	○	○	○	○	○

Set 1 - Scaling Impact *   10 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Naive Bayes	○	○	○	○	○
KNN	○	○	○	○	○

Set 1 – KNN study *   30 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Adequate K values	○	○	○	○	○
Measures - Manhattan, Euclidean, Chebyshev	○	○	○	○	○
Measures - other	○	○	○	○	○
Best model evaluation	○	○	○	○	○
Confusion Matrix	○	○	○	○	○

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Dataset AirQuality

Set 2 - Scaling *   10 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Min-max trasformation	○	○	○	○	○
z-score	○	○	○	○	○

Set 2 - Scaling Impact *   10 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Naive Bayes	○	○	○	○	○
KNN	○	○	○	○	○

Set 2 – KNN study * 30 points

	0 - None	1 - Low	2 - Average	3 - High	Non Applicable
Adequate K values	○	○	○	○	○
Measures - Manhattan, Euclidean, Chebyshev	○	○	○	○	○
Measures - other	○	○	○	○	○
Best model evaluation	○	○	○	○	○
Confusion Matrix	○	○	○	○	○

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