

Q1-1: Select the correct option.

A. Instance based learning is sensitive to range of feature values.

B. Training is very efficient.

C. Occam's razor is an example of hypothesis space bias.

1. Statement A is true. Statement B, C are false.
2. Statement A, B are true. Statement C is false.
3. Statement B, C are true. Statement A is false.
4. All Statements are true.

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Occam's razor is an example of **preference bias**, i.e – Prefer one hypothesis over another even though they have similar training accuracy. For example, we prefer smaller trees in the hypothesis space of decision trees