

**ΟΙΚΟΝΟΜΙΚΟ
ΠΑΝΕΠΙΣΤΗΜΙΟ
ΑΘΗΝΩΝ**



**ATHENS UNIVERSITY
OF ECONOMICS
AND BUSINESS**



**ΜΕΤΑΠΤΥΧΙΑΚΟ
ΕΠΙΣΤΗΜΗ ΔΕΔΟΜΕΝΩΝ
MSc IN DATA SCIENCE**

Academic Semester: 2023-2024

Practical Data Science

A3 - Report

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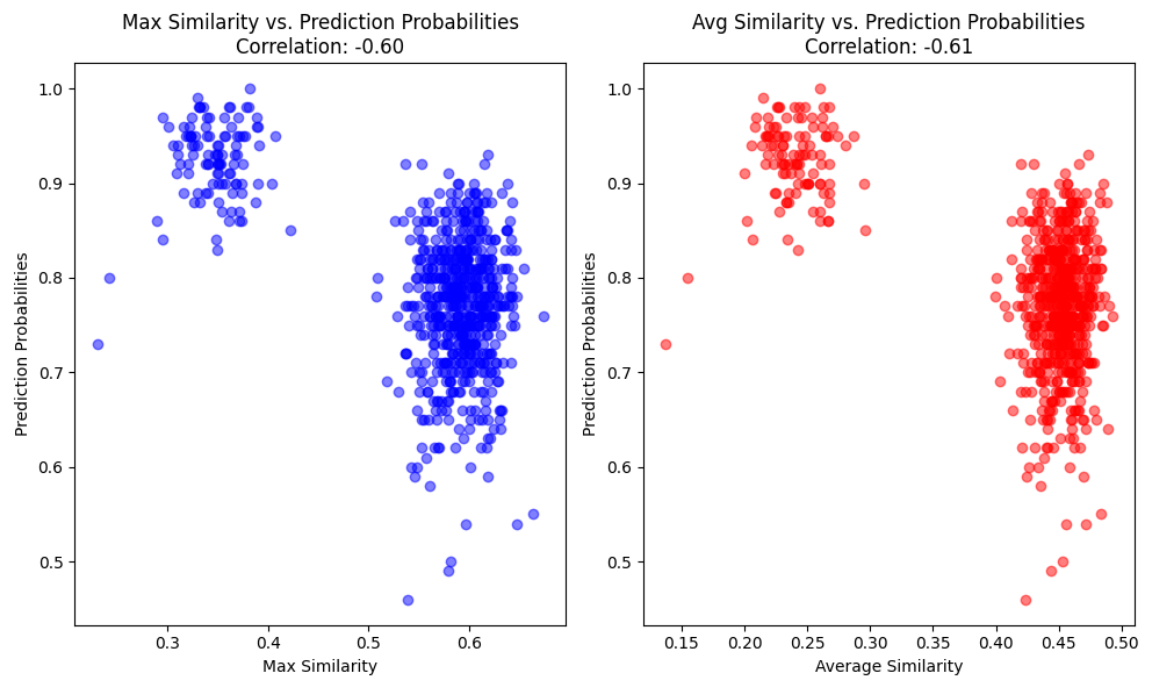


Figure 1 (Cars case): Correlation between Prediction Probabilities of RF with Max similarity scores (left) and average similarity score (right).

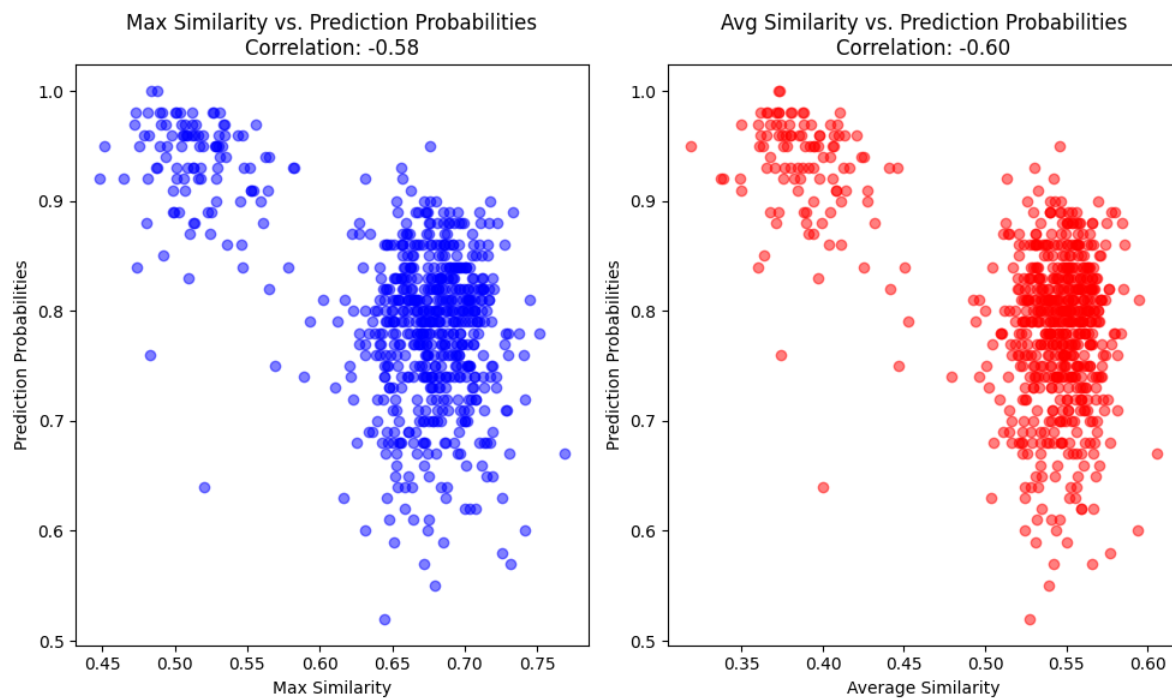


Figure 2 (Cities case): Correlation between Prediction Probabilities of RF with Max similarity scores (left) and average similarity score (right).

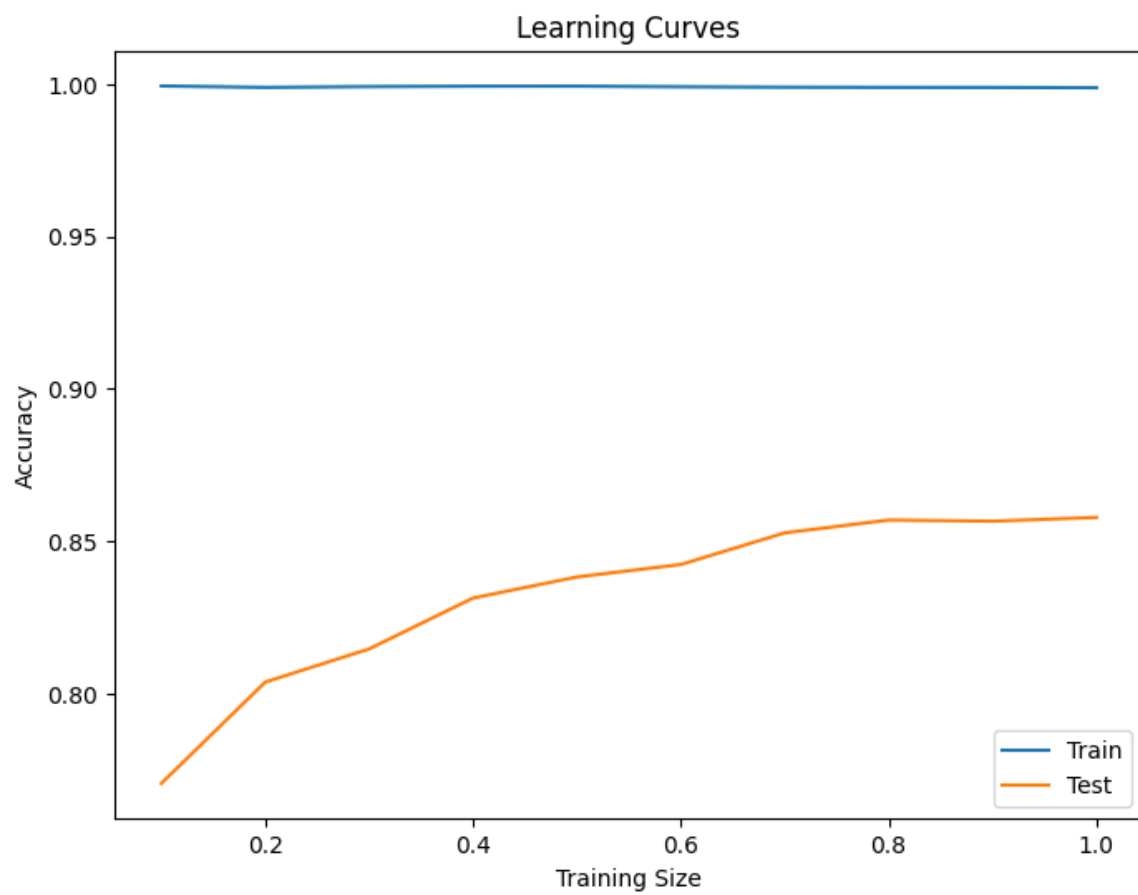


Figure 3 (Cars case): Accuracy vs training size (learning curves).

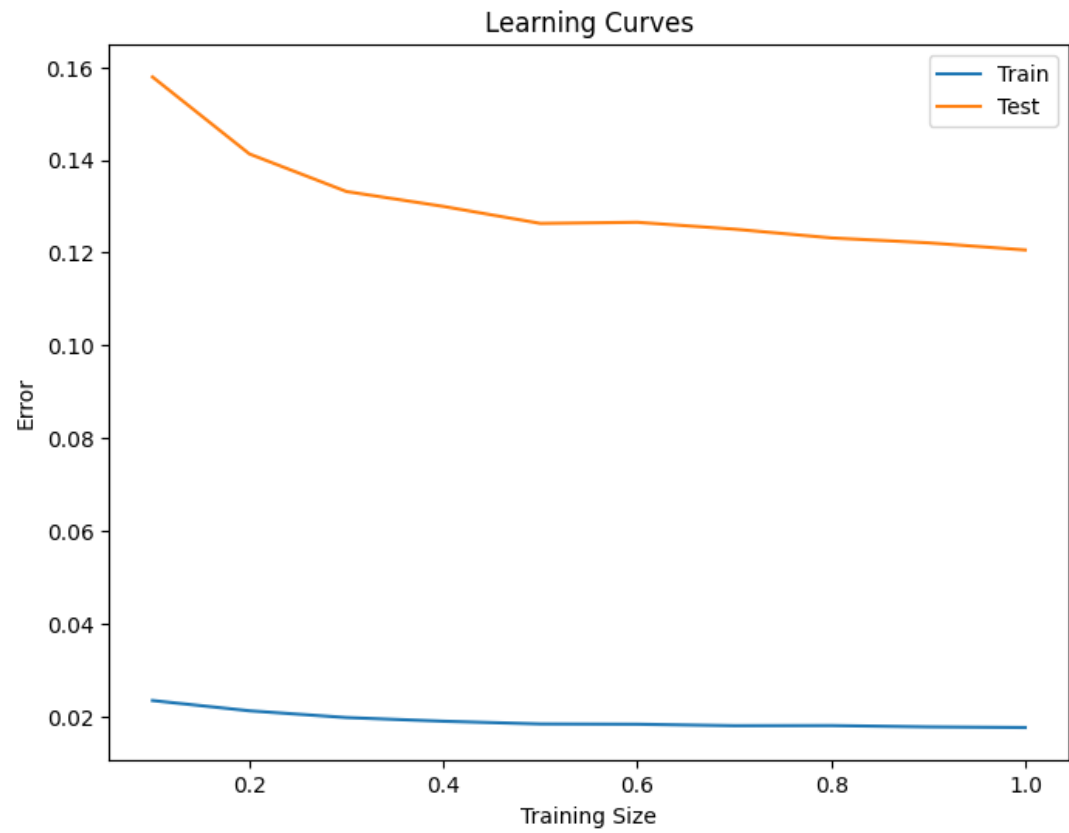


Figure 4 (Cars case): Error vs training size (learning curves).

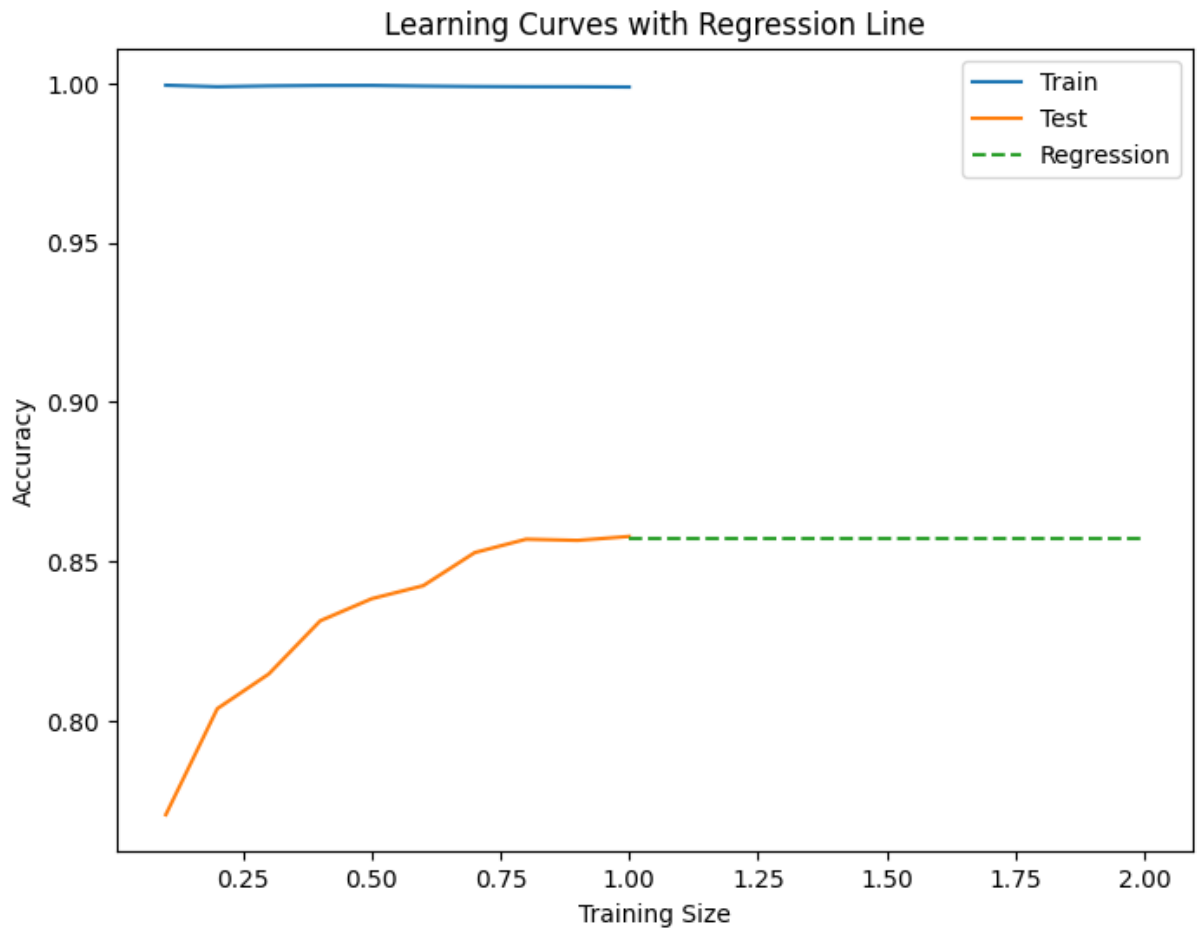


Figure 5 (Cars case): Accuracy vs training size, with regression line (learning curves).

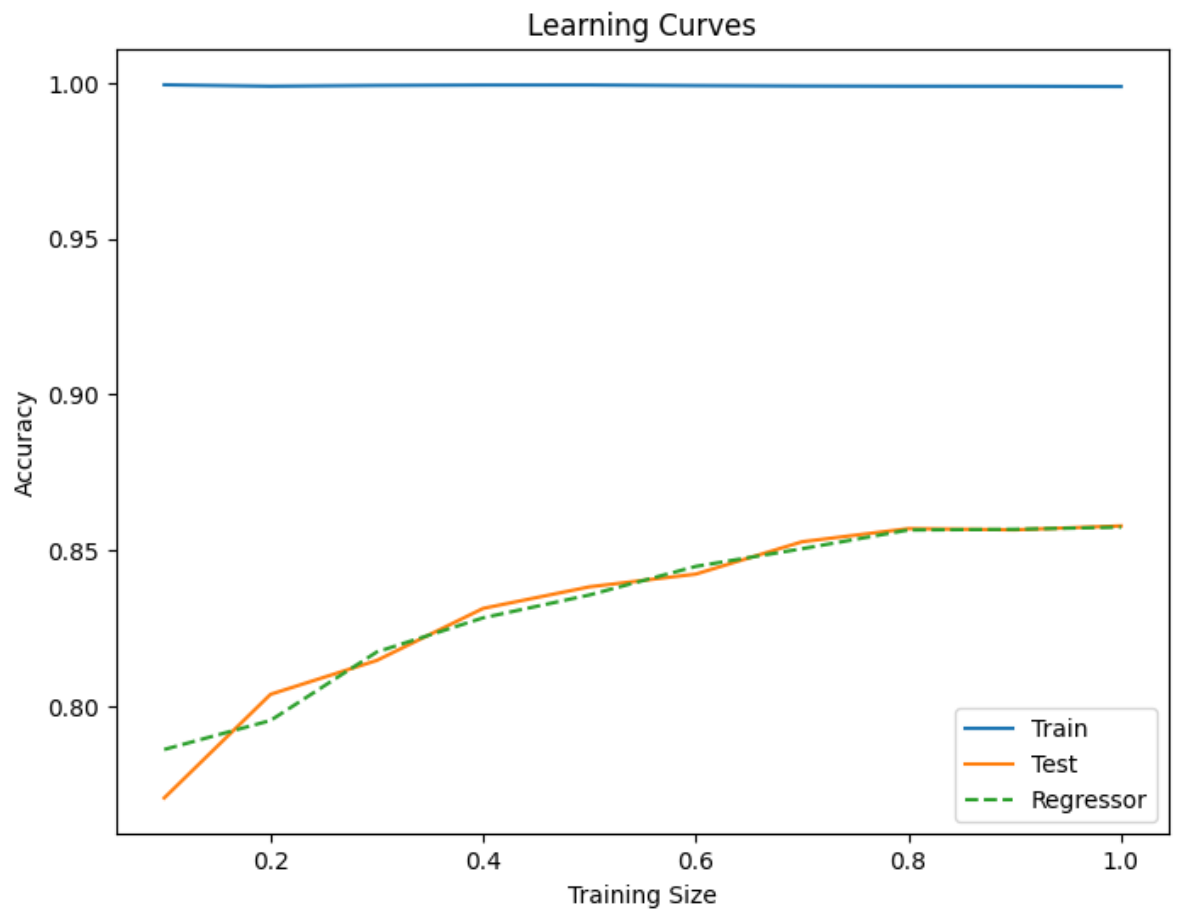


Figure 6 (Cars case): Accuracy vs training size with regressor (learning curves).

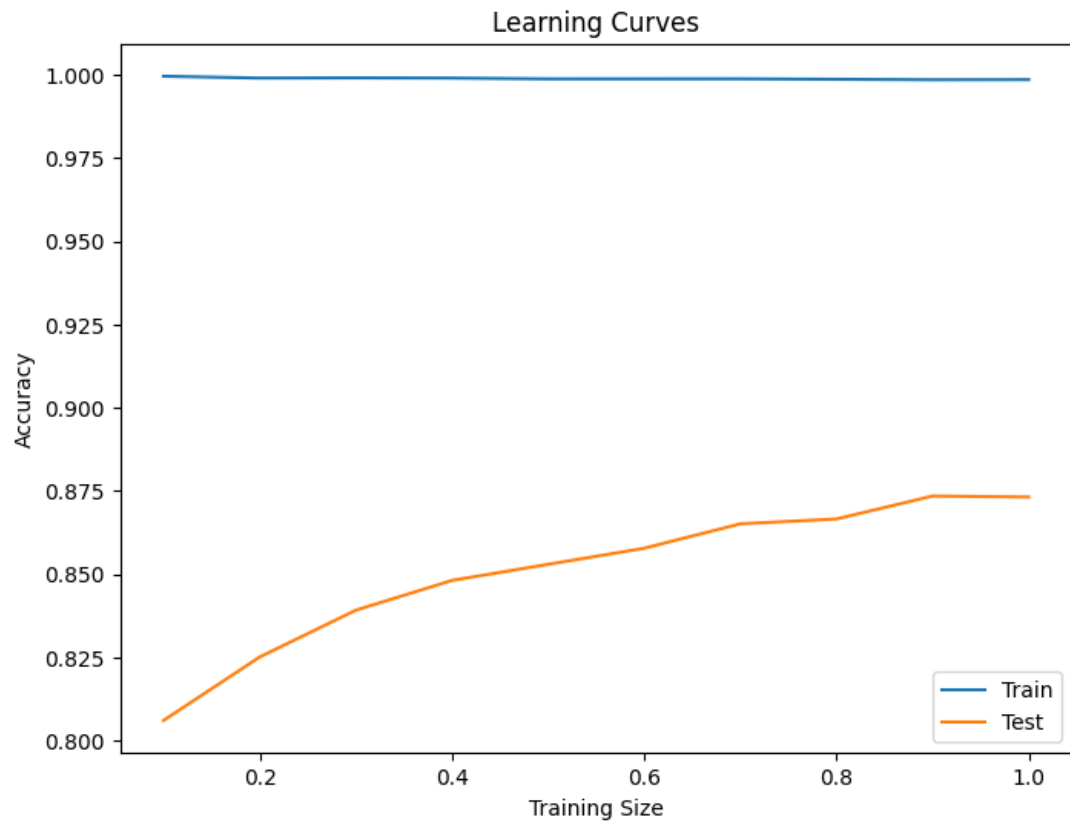


Figure 7 (Cities case): Accuracy vs training size (learning curves).

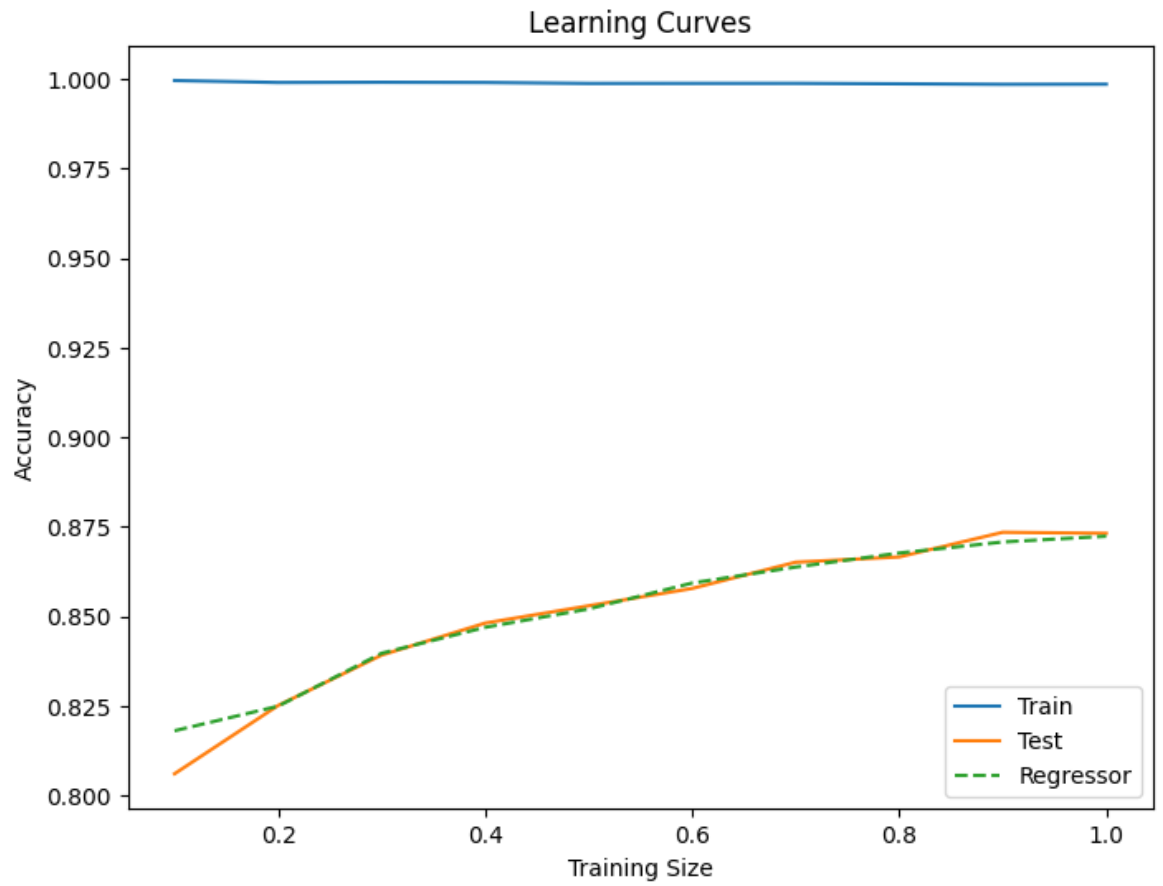


Figure 8 (Cities case): Accuracy vs training size with regressor (learning curves).

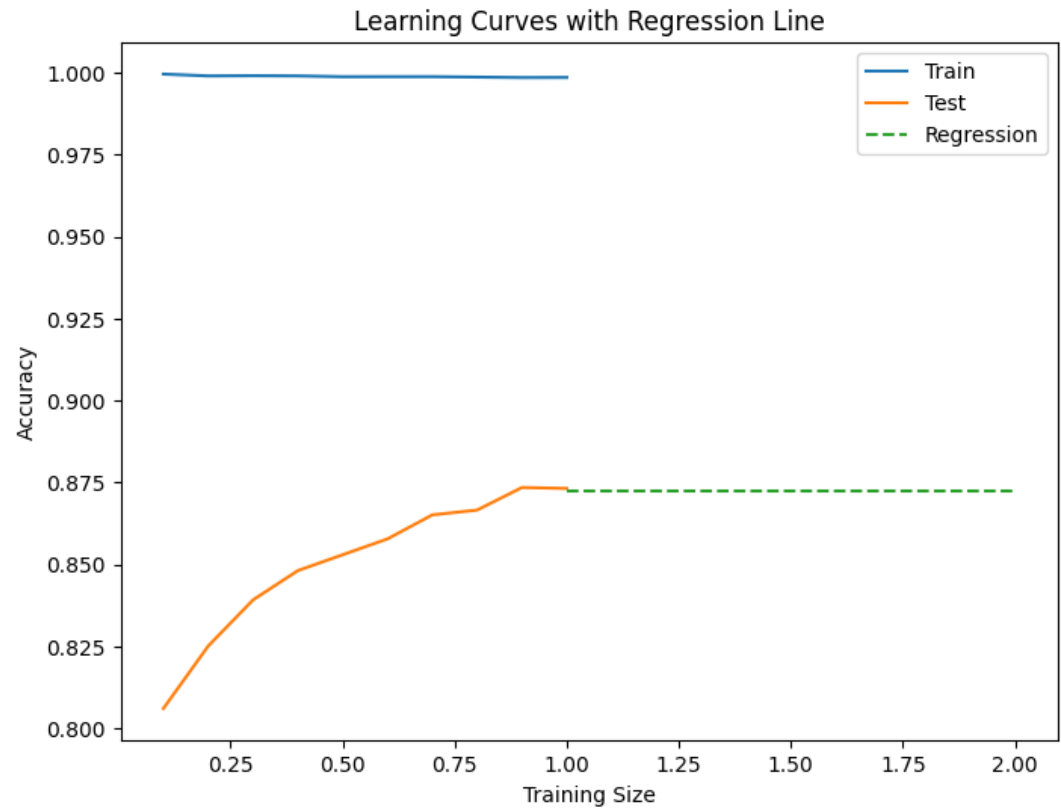


Figure 9 (Cities case): Accuracy vs training size with regressor line (learning curves).

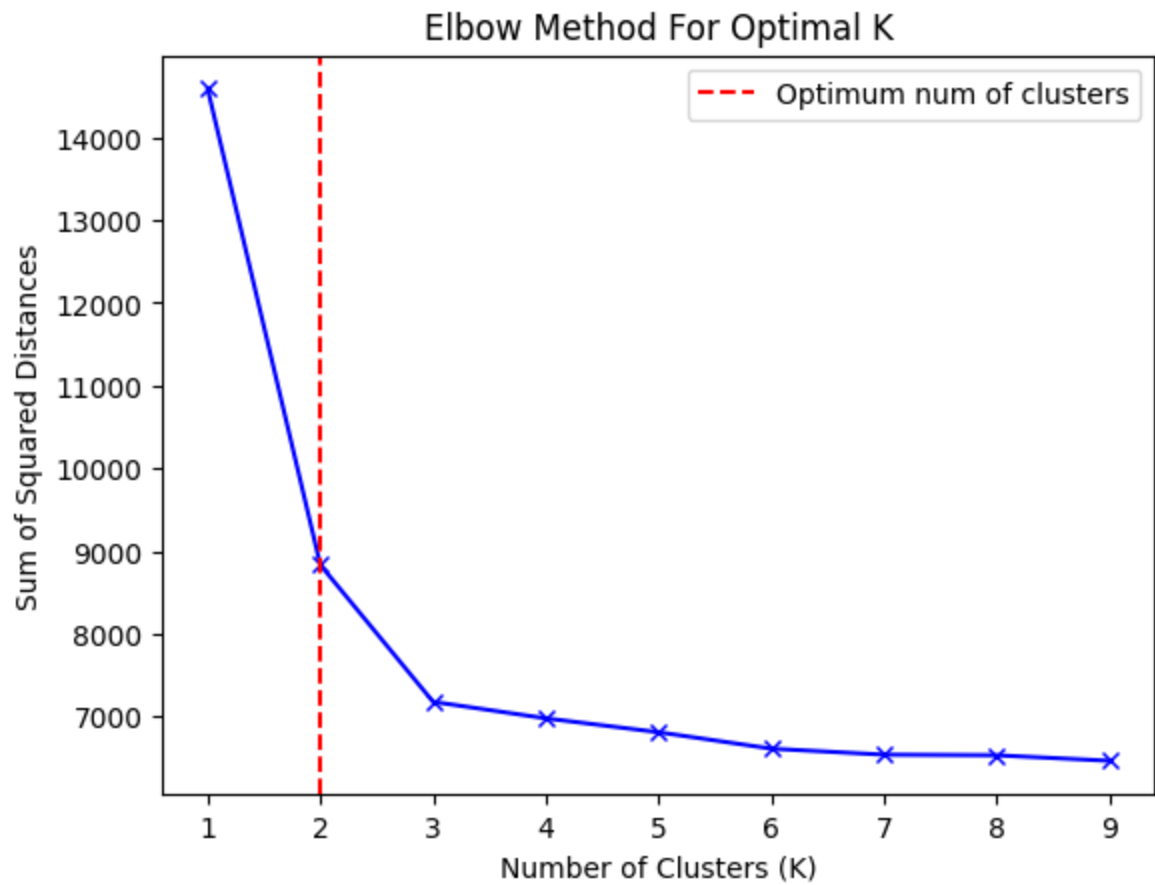


Figure 10 (Cars case): Elbow method to find the optimal K.

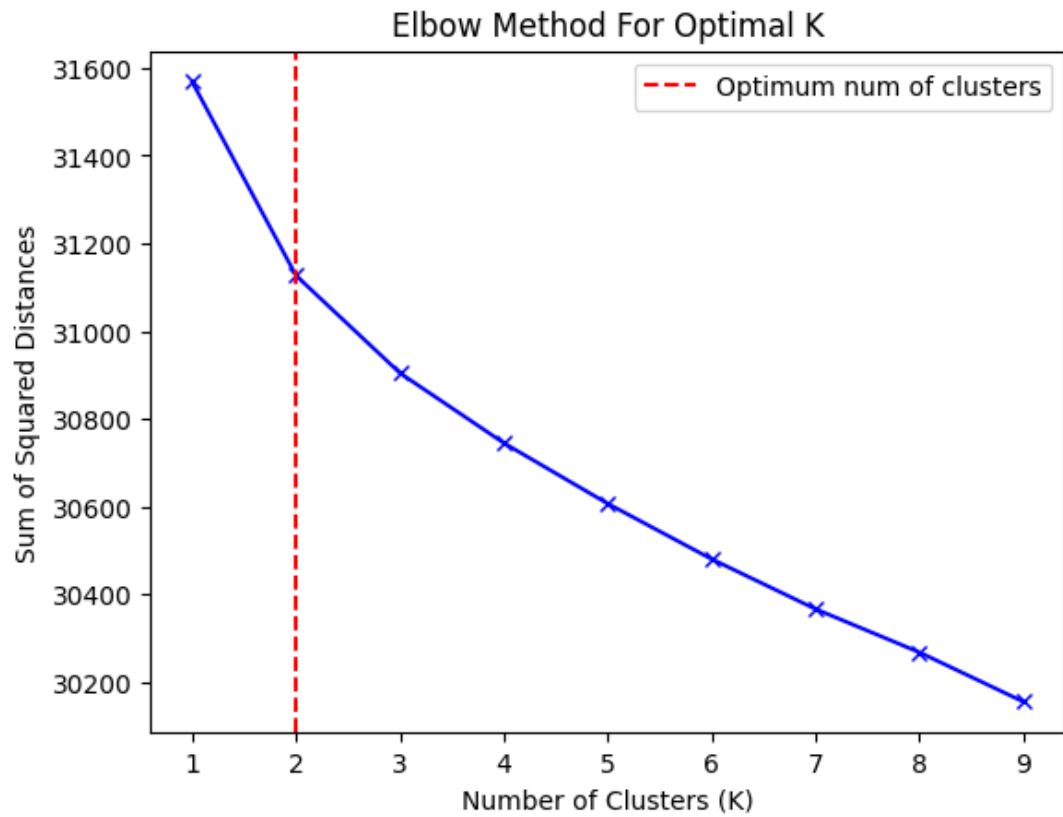


Figure 11 (Cities case): Elbow method to find the optimal K.