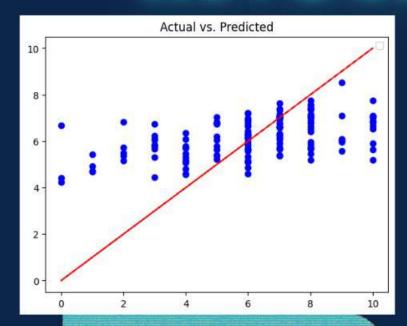
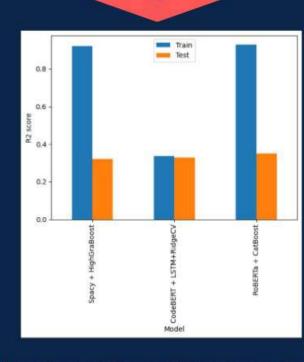
## PROGRAM AUTOGRADER



ACTUAL VS PREDICTED



R2 FOR VARIOUS MODELS An innovative application
leveraging CodebERT
combined with Artificial
Intelligence models, LSTM
and RidgeCV for automated
C program grading,
providing efficient
evaluation in a matter of
seconds!





CODEBERT+LSTM+ RIDGECV

Train R2: 0.36
Test R2: 0.33
No overfitting,model learns from the trained data!

125 -15 100 -75 -50 -25 -

7 8 9

VISUALIZATION IS THE KEY

175

FREQUENCY OF MARKS



SpaCy Word2vec CodeBERT
TFIDF RoBERTa

TEAM MEMBERS

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