

LITERATURE REVIEW CRITIQUE REPORT

Paper title: Using machine learning algorithms for housing price prediction: The case of Fairfax county, Virginia housing data.

Reviewee's name: Qui Guang

Reviewer's name: Abhishek Kumar Thakur

Length of paper: Medium (7.5 / 10)

Depth of understanding: Good (8 / 10)

Completeness: Good (8.5 / 10)

Difficulty: Average (8 / 10)

Comprehensiveness: Good (9 / 10)

Clarity: Good (8.5 / 10)

Additional Comments:

Mr. Qui Guang has shown the usage and importance of machine learning algorithms which is used for housing price prediction. He has taken the case of Fairfax County, Virginia housing data and applied machine learning algorithms for price prediction. He imposed questions like initial price and closing price and whether the closing price is greater than the initial price or not? Then he used hedonic based machine learning technique to address such questions. Although he doesn't explain the analysis procedure of the methods (C4.5, Ripper, Adaboost etc) with clarity, the discussion of these methods gives an intuition about the potency of the methods in housing price prediction. His overall depth of understanding and comprehensiveness is good.