Data

We use labeled data (past sales with known selling price). Data relevance is15demonstrated by using columns that quantify market state (mmr), depreciation(year, odometer), and qualitative assessment (condition). Categorical text fieldsare converted to string type to maintain integrity for feature processing

Model Evaluation

Evaluation: The R-squared Score (R2) explicitly measures model reliability. TSA:We perform a Time Series Analysis by applying a Rolling Mean (Moving Average)16over 30 sorted transactions on the MMR values. This smooths out pricevolatility,revealing the actionable market trend for acquisition strategy.