

**Business Background** The used vehicle market is highly competitive and relies on timely, accurate pricing. Traditional valuation is subjective and slow, leading to missed opportunities and suboptimal inventory management. Our solution is necessary to inject data-driven objectivity into this process

### Business Objectives

The primary goal is to maximise profit margins and optimise inventory turnover<sup>3</sup> by ensuring every vehicle is priced competitively and correctly the first time. We aim to transform pricing from an art into a reliable science.

### Business Success Criteria

The model must achieve an R-squared ( $R^2$ ) score of 0.85 or higher on unseen<sup>4</sup> sales data. This proves the AI explains and captures over 85% of the real-world<sup>5</sup> price fluctuation, making it commercially viable.