

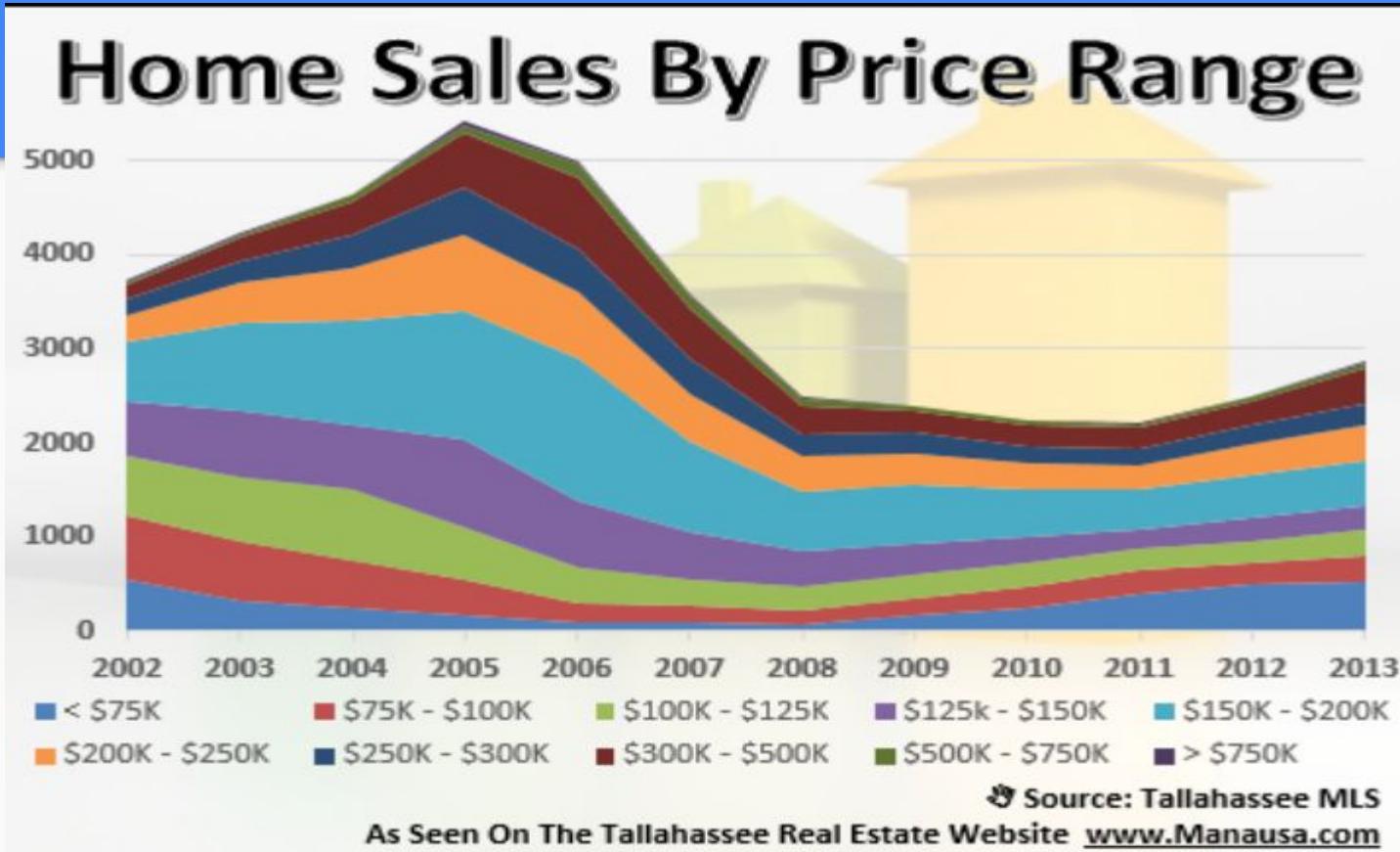
Categorizing Sold_Price

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Why Categorization Matters

- Creates a shared language across teams
- Enables market trend analysis
- Supports pricing, planning, and forecasting
- Simplifies communication internally & externally

Solution



Steps

- Preprocessing cleaned data
- Feature Selection
- Split dataset
- Normalize training set
- Run model

Sample categorization

Results

```
Name: price/sqrft, Length: 5000, dtype: float64  
Model Accuracy: 57.90%
```

Conclusion

- Consistent categorization unlocks insights
- Works with rules or machine learning
- Supports every team across the business
- Foundation for smarter real estate analytics