**Proposed Solution**

| **Component** | **Description** |
| --- | --- |
| **Machine Learning Model** | Predicts house prices using features like area, number of rooms, grade, location |
| **Frontend UI** | Simple web form to input house attributes and see results |
| **Visualization** | Price trends, correlations, and regional analytics (via Tableau/Plotly) |
| **API Backend** | RESTful API to handle model inference and data flow |
| **Output** | Predicted price, comparable homes, and recommendation visualizations |