

*Smart Real Estate Investment Dashboard*

## **Risk Management Plan**



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Risk ID	Description	Probability (1–5)	Impact (1–5)	Risk Score	Response Strategy	Mitigation / Contingency Measures
R1	API modifications in data sources	3	4	12	Mitigate	<ul style="list-style-type: none"><li>- Regularly review API documentation</li><li>- Use adaptable data ingestion scripts</li><li>- Keep alternative data sources ready</li></ul>
R2	Issues with data quality	4	4	16	Mitigate	<ul style="list-style-type: none"><li>- Apply thorough data cleaning routines</li><li>- Conduct periodic quality assessments</li><li>- Establish data reconciliation mechanisms</li></ul>
R3	Expansion beyond defined project scope	3	3	9	Avoid	<ul style="list-style-type: none"><li>- Set clear project scope upfront</li><li>- Enforce change control policies</li><li>- Hold regular scope validation meetings</li></ul>
R5	Performance problems due to large datasets	3	3	9	Mitigate	<ul style="list-style-type: none"><li>- Tune and optimize query performance</li><li>- Apply data partitioning methods</li><li>- Explore scalable cloud-based solutions</li></ul>