

Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau

DATE	28-02-2026
TEAM ID	LTVIP2026TMID90693
PROJECT NAME	Visualizing Housing Market Trends: An Analysis of Sale Prices and Feature Using Tableau
MAXIMUM MARKS	4 MARKS

5.4 Team management Tools for Agile Planning (Jira)

To manage this project efficiently using Agile methodology, a team management tool like **Jira** can be used for sprint planning, task tracking, and collaboration.

○ Why Use Agile for This Project?

Agile is suitable because:

- Dashboard development is iterative
- Requirements may evolve after data exploration
- Visualizations improve through feedback
- Testing and refinement happen continuously

○ Role of Jira in This Project

Jira helps manage:

- Backlog creation • Sprint planning
- Task assignment
- Progress tracking
- Bug tracking
- Reporting

✦ Aspects of Jira for Agile Planning:

- **Agile Framework Support:** Jira is highly versatile, supporting both Scrum (sprints, story points) and Kanban (WIP limits, continuous flow) methodologies.
- **Visual Tracking:** Teams can use interactive boards and roadmaps to gain visibility into work progress, from individual tasks to large-scale initiatives.

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- **Real-time Reporting:** Built-in reports like Velocity Charts and Cumulative Flow Diagrams allow teams to measure performance and identify bottlenecks immediately.
- **Customization and Integration:** Jira allows for highly customized workflows to match specific team needs and integrates with tools like Confluence and Slack for enhanced collaboration.
- **Advanced Planning:** Jira Premium features include advanced roadmaps for crossproject planning, capacity management, and dependency mapping.

○ Project Structure in Jira

◆ A. Create a Project

Project Name:

Housing Market Visualization Dashboard

Project Type:

- Scrum (recommended for Agile)

○ Sprint Planning Example

- Sprint 1 (Week 1-2)
 - Requirement analysis
 - Data collection
 - Initial data cleaning
- Sprint 2 (Week 3-4)
 - Feature impact analysis
 - Build Market Overview dashboard

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- Sprint 3 (Week 5–6)

- Location insights
- ROI analysis
- Testing

- Sprint 4 (Week 7)

- Refinement
- Documentation
- Deployment

Example

Agile methodology was adopted to manage the project, with Jira used as the primary team management tool. The project was divided into multiple sprints, each focusing on specific deliverables such as data cleaning, dashboard development, and testing. User stories were defined to ensure stakeholder-centric development, and Jira boards were used to track task progress, manage issues, and monitor sprint performance.

