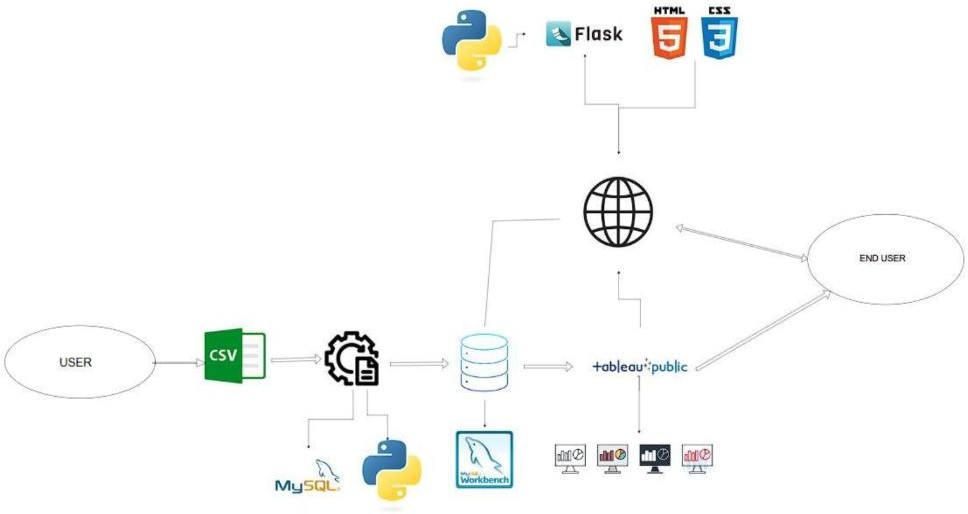
**Project Design Phase Solution Architecture**

|  |  |
| --- | --- |
| Date | 29 June 2025 |
| Team ID | LTVIP2025TMID50749 |
| Project Name | Visualizing Housing Market Trends: An Analysis  of Sale Prices and Features using Tableau |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

The solution begins with users uploading real estate data in CSV format, which is cleaned and transformed using Python. The processed data is optionally stored in a MySQL database managed through MySQL Workbench. Tableau Public connects to this structured data to create dynamic dashboards for visual analysis. A Flask web application, styled with HTML and CSS, hosts these dashboards on the web. End users access the platform via a browser to explore trends, filter data, and gain actionable insights.

**Solution Architecture Diagram:**

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