Weekly Project Performance Report

Project Title: Housing Price Analysis & Prediction

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Week #: 3

Reporting Period:\*\* [may 29 – July 13]

# 1. Progress Summary

\*\*Current Phase(s):\*\*  
[List active phase(s) from your timeline, e.g., “1. Project Planning & Management”, “2. Data Collection”]

\*\*Key Accomplishments This Week:\*\*

- ✓ Defined project scope and objectives

- ✓ Identified primary data sources: Zillow, BEA, Census

- ✓ Scheduled weekly status check-ins

# 2. Tasks Completed

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Status | Notes |
| 1.1 | Define project objectives and scope | Complete | Finalized goals: predict and visualize housing price trends |
| 2.1 | Research housing price datasets | Complete | Found reliable datasets on Zillow and Kaggle |

# 3. Tasks In Progress

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | % Complete | Estimated Completion |
| 2.1 | Research housing price datasets | 100% | 6/5/2025 |
| 2.2 | Download Zillow historical housing data | 100% | 6/6/2025 |
| 2.3 | Collect inflation data from BEA | 50% | 6/9/2025 |
| 2.4 | Gather interest rate data from Federal Reserve | 75% | 6/9/2025 |
| 2.5 | Collect demographic/economic data from U.S. Census | 75% | 6/9/2025 |
| 2.6 | Acquire property-level data with location and features | 25% | 6/10/2025 |

# 4. Next Week's Plan

2.7 Document metadata and data sources

3.1 Design SQL database schema  
3.2 Create SQL tables for each dataset  
3.3 Populate tables with collected data  
3.4 Normalize and index SQL tables  
3.5 Back up SQL database

# 6. Deliverables

|  |  |  |
| --- | --- | --- |
| Deliverable | Status | Notes |
| 9.1 Prepare final Python/Jupyter Notebooks | In progress | To be finalized next week |
| 9.2 Prepare and document SQL source code | In progress |  |
| 9.3 Export all visualizations (PNG/interactive) | Not started |  |
| 9.4 Compile and organize results of models | Not started |  |
| 9.5 Submit full project package (code, visuals, report) | Not started |  |