

Rationalization of Looker dashboards for a mortgage division of a client.

Rationalized 80% of Looker reports for improved reporting experience.



Introduction

This client was a leading real estate data analytics company. The tax services department had a need for several reports to help with their day-to-day operations.

Business Challenge

- ✦ The ad hoc Looker reports developed to fulfill specific requirements were not organized within the Looker environment, making it challenging to locate specific reports as they are not categorized by business areas.
- ✦ Reports did not provide drilling on KPI, hence investigative analysis could not be done.
- ✦ Legacy stored procedures populated the underlying aggregate tables. These procedures were not optimized and took several hours to execute, often missing the business SLA time to generate a report.

Technology Stack



Solution and Highlights:

- Built a single interactive landing page for users to know the insights of various business areas.
- Looker dashboards were consolidated from 150+ reports to only 25 front facing reports.
- Users can access detailed reports by clicking on KPI values, thus providing much-needed investigative reporting.
- Legacy stored procedures are modernized to GBQ by using python scripts, thus bringing down the load time of tables from 5 hours to 30 minutes.
- Established a single version of truth by providing a centralized and consistent view of data across different sources.



⦿ Benefits and Results

Business adoption of reports increased, now that reports

- Are accessible to everyone.
- Provide data on time.
- Have the ability to get granular data as necessary.
- Provide Single version of truth.
- Provide good navigation experience.

⦿ Conclusion

Client now has 80% of their reports rationalized and has easy and intuitive navigation throughout the session. Client was able to increase user adoption, employee productivity, and make informed decisions.

