DataToBiz

Streamlining Construction Procurement Activities Of A Real Estate Giant

ABOUT CLIENT

- A leading real estate company based in the United States with projects in 6 other countries across the world.
- With a strong presence in the market, the company specializes in residential, commercial, and industrial spaces.
- The company has established a reputation for its expertise, years of trust, and commitment to residents' satisfaction.

PROBLEM STATEMENT

- The client faced challenges in tracking and analyzing delays in various construction procurement activities (Brickwork, Concrete Base, Decoration, Digging, Electrical Cabling, Plumbing & Insulation), leading to project timeline deviations and increased costs.
- They needed insights into the performance of each stage in the construction procurement process to identify bottlenecks and improve overall efficiency.
- They were struggling to find suitable real estate properties in the desired location due to limited supply, leading to high competition and inflated prices.
- They were encountering difficulties in the unpredictable real estate market, making it difficult to make informed procurement decisions due to price and demand fluctuations.
- They faced a lack of transparency in the real estate market, particularly in terms of property information, market data, and pricing trends, which hampers their ability to make well-informed procurement decisions.

SOLUTIONS

We tackled the client's challenges with a comprehensive Power BI analytics dashboard, aiding delay and stage analysis for informed decisions.

Delay Analysis
- Integrated data from diverse sources for comprehensive delay insights.
- Power BI dashboards showcased key metrics like timelines, reasons, and resource allocation.
- Identified reasons behind delays, aiding corrective actions.

Stage Analysis
- Merged procurement, vendor, and financial data for a holistic stage view.
- Tracked stage-specific performance indicators for better decision-making.
- Enabled real-time stage comparisons for optimized resource allocation.
- Alerts and Notifications: Implemented automated alerts for timely issue resolution.

Industry
Real Estate

Products used
Power BI Dashboard

Functionality Enable
Data science

Impact

15%
Decrease in Project Timeline Deviations: Proactive delay identification led to a significant reduction in project timeline deviations.

17%
Savings in Penalties and Expenses: Efficient delay management and resource optimization resulted in substantial cost reduction.

18%
Faster Project Completion: Streamlined stages led to an impressive 18% reduction in cycle time, expediting project delivery.

10%
Increase in Vendor Ratings: Rigorous vendor monitoring initiatives contributed to a commendable 10% improvement in vendor performance.

pro tip
Custom Power BI dashboards are curated for each and every real estate challenge.

Take the next step
Leverage Intelligent Insights Today!