



Case Study #1: AI-Powered Asset Forecasting System for Real Estate Group

Transforming property sales through data-driven future value projections with Odoo Enterprise and advanced AI forecasting

Client Overview

A leading Real Estate Holding Group managing **23 subsidiary companies** across residential, commercial, and mixed-use development projects. As part of their digital transformation strategy, they implemented Odoo Enterprise with Multi-Company support to unify operational, financial, and customer management processes across their entire portfolio.

The group needed a comprehensive solution to consolidate data from all subsidiaries under a unified platform while providing advanced analytics capabilities for strategic decision-making.

23

Subsidiary Companies

Unified under one platform

100%

Digital Integration

Complete operational coverage



The Business Challenge

The real estate market is highly influenced by external parameters such as economic trends, infrastructure development, population growth, government policies, and interest rate fluctuations. The client faced critical challenges in leveraging this complexity to their advantage.



Sales Growth

Increase property sales by showcasing data-driven future value projections to customers



Accurate Forecasting

Provide long-term forecasting for apartments, villas, plots, and commercial spaces



Data Consolidation

Consolidate data from all 23 companies under unified AI-driven analytics



Investor Confidence

Visualize price growth over 5, 10, 25, and 50 years to build trust



The Solution: Odoo + AI Integration

Our team implemented **Odoo Enterprise with Multi-Company architecture** across all 23 subsidiaries, creating a unified digital ecosystem. Alongside Odoo, an AI-Powered Asset Forecasting Application was developed and integrated seamlessly using Odoo API.



Odoo Multi-Company ERP

Unified financial & operational data integration with centralized management



AI Forecasting Engine

Advanced predictive analytics trained on historical and market data



Seamless Integration

API-based connection enabling real-time data flow and insights



Odoo Enterprise Capabilities

01

Financial Integration

Unified financial and operational data across all companies

02

Customer Management

Centralized customer and sales management system

03

Project Lifecycle

Complete project lifecycle management capabilities

04

Real-Time Reporting

Live dashboards and consolidated reporting across subsidiaries



AI Forecasting System Features

Feature	Description
Asset Data Modeling	AI model trained on historical pricing, market data & asset attributes
External Parameter Engine	Considers inflation, economic indexes, interest rates, demand index, demographic growth, infrastructure investments, and government regulations
Future Price Projection	Price forecasting for 5, 10, 25 & 50 year horizons
Dynamic Simulation	What-if scenario analysis for sales teams & investors
Interactive Dashboard	Graphical price growth visualization for customer presentations
Multi-Company Access	Secure role-based visibility for 23 companies
AI-Generated Reports	Auto-generated forecast PDFs for investor meetings



Technology Stack



Odoo Enterprise

Multi-Company ERP platform with comprehensive business management



Machine Learning

Python, Time-Series Forecasting, Regression, ARIMA/XGBoost models



Business Intelligence

Power BI and Odoo BI dashboards for visualization



Database

PostgreSQL for robust data management



Integration

REST API based seamless system integration

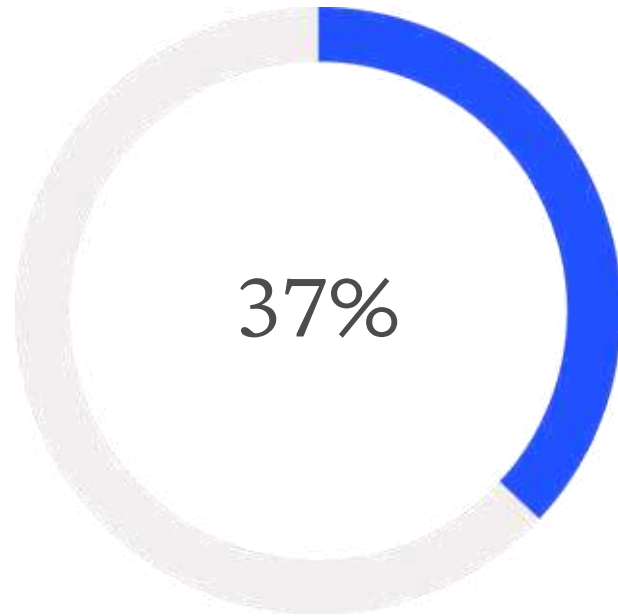


Cloud Infrastructure

Azure/AWS deployment for scalability and reliability



Results & Business Impact

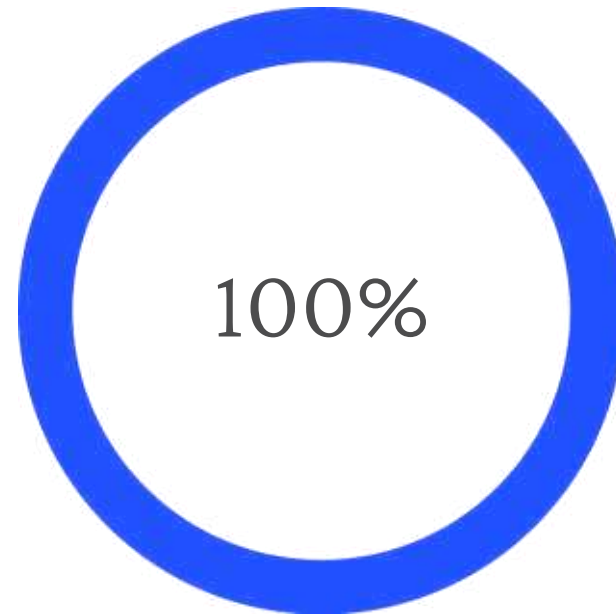


Sales Conversion Increase

Due to data-driven investor confidence

Improved Transparency & Trust

Buyers saw forecast values with proof-based visuals, leading to faster decision-making and increased confidence in property investments

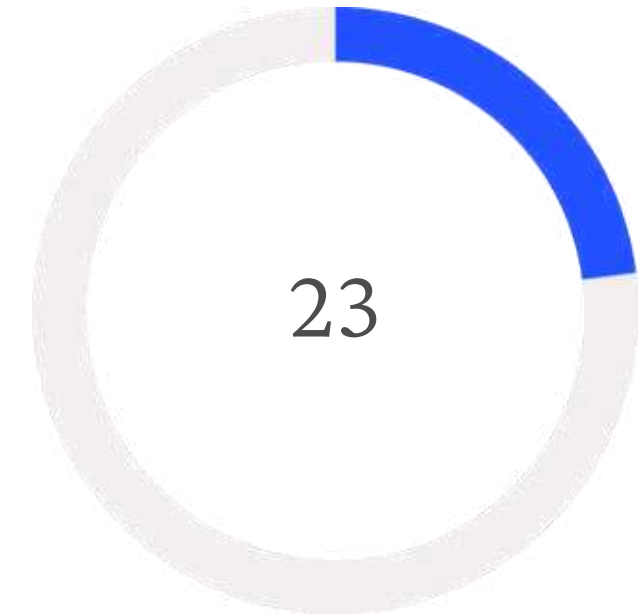


Analysis Time Reduction

From weeks to minutes

Better Strategic Pricing

Management optimized future launch pricing based on AI-driven insights and market trend analysis



Unified Companies

Operating from one platform

Unified Digital Ecosystem

All 23 companies operating seamlessly from one unified digital platform with consistent processes



Conclusion

The integration of **Odoo + AI Forecasting** empowered the real estate group to elevate investor confidence, forecast asset appreciation with real data, and scale sales performance across all subsidiary companies.

This project showcases how **AI-powered analytics combined with Odoo ERP** can create a strong foundation for digital transformation in the real estate industry, delivering measurable business results and competitive advantage.

- Enhanced Decision-Making
 - Data-driven insights for strategic planning
- Competitive Advantage
 - Market leadership through innovation
- Scalable Growth
 - Platform ready for future expansion

