

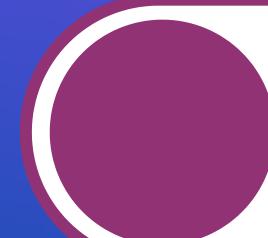
The background features a vibrant, abstract design with three glowing, translucent rings. One ring is positioned in the top left corner, another in the bottom left corner, and a larger one on the right side. These rings exhibit a rainbow-like color gradient and soft shadows, set against a dark blue-to-purple gradient background.

**Forecasting Apex
Assets Investment
opportunities.**

Team



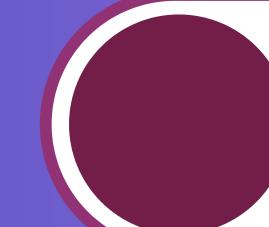
Miriam Ongare



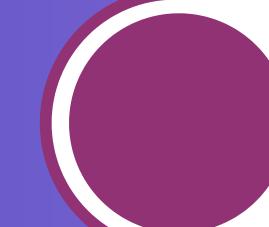
Caroline Njoroge



Chepkemoi Chepkemoi

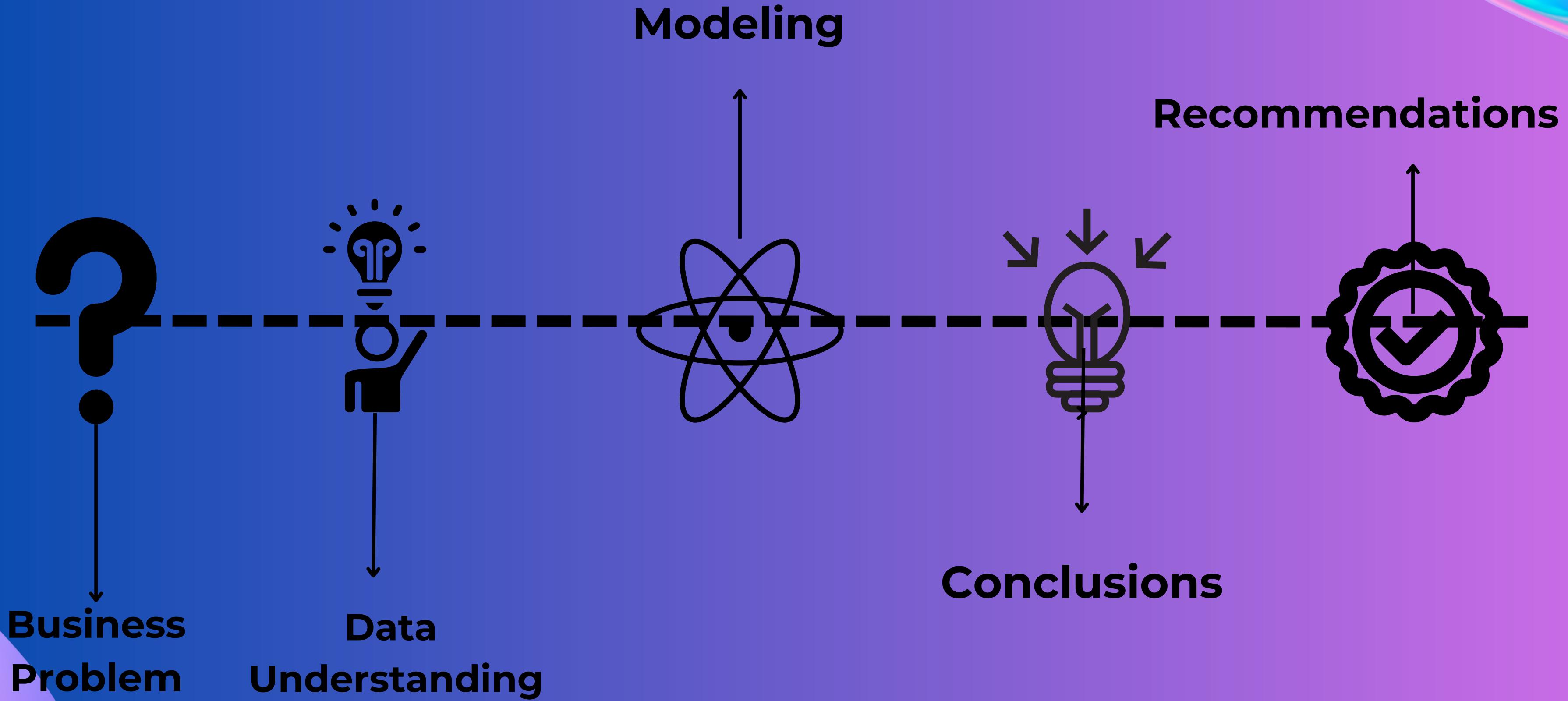


Philip Mweri



Mercy Ronoh

Roadmap



Overview

Apex Asset Investment is a real estate company facing challenges on how best to diversify their portfolio. We look at some factors that can help in forecasting future areas to buy property, to identify the trends that determine market prices as well as detecting signs of seasonality in the factors that determine property prices.

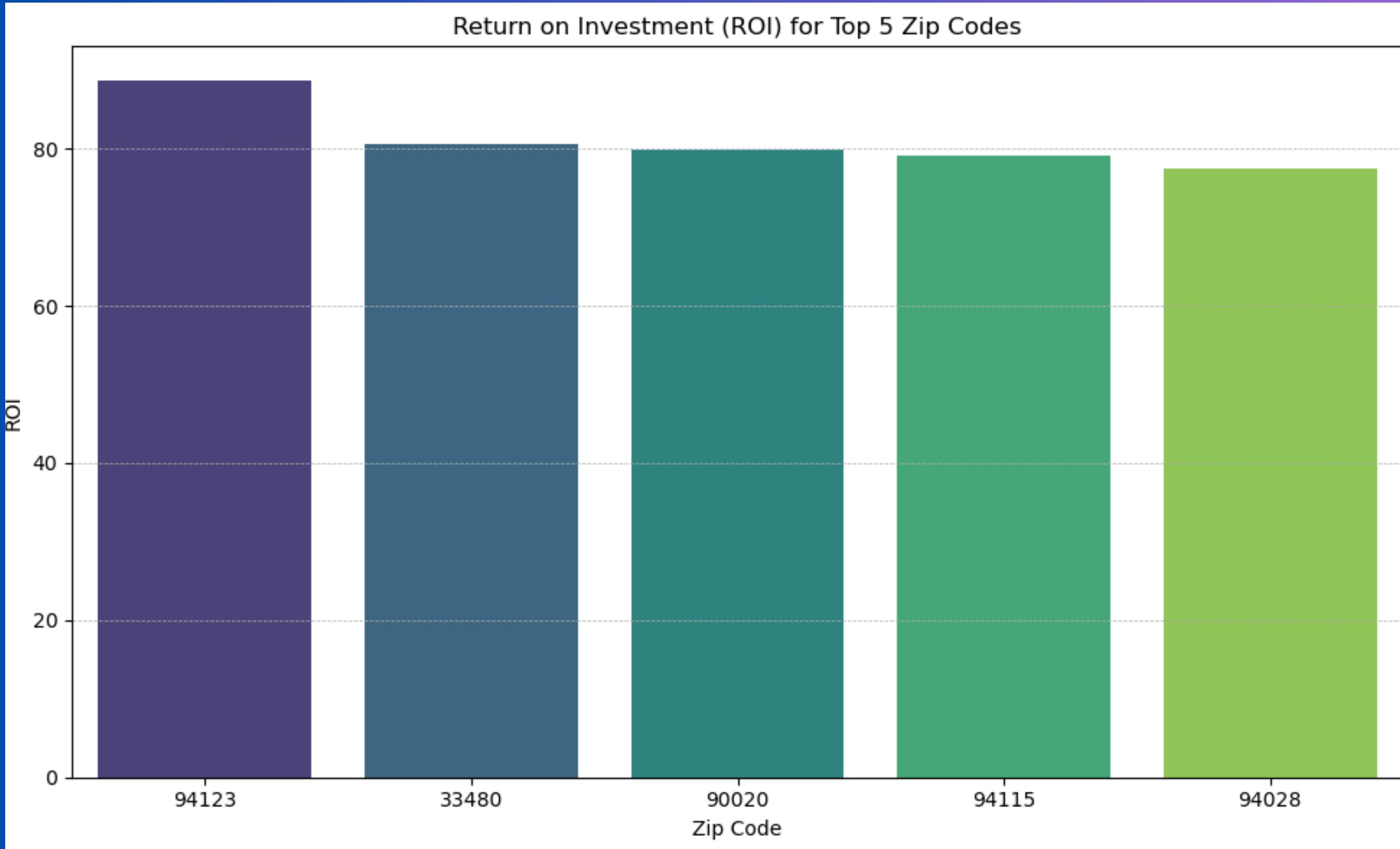
Business Problem

- In dynamic real estate field, Apex Assets Investments needs to identify the most profitable zip codes for investment.
- They face a challenge: sifting through countless zip codes with fluctuating prices.
- Leverages time series modelling analysis to uncover hidden opportunities, aiming to pinpoint the zip codes with the highest return on investment while mitigating risk.

Project Objectives

- Evaluate which county exhibits the most promising real estate investment opportunities.
- Understand the trend for the 5 best Zip codes to invest in based on Return On Investment(ROI).
- Forecast property values over the short and long term, aiming to identify the most favourable zip codes for investment across various counties.

ROI:Top 5 Zip Codes:



- Zip Codes**
1. 94123
 2. 33480
 3. 90020
 4. 94115
 5. 94028

Modeling

Best model

Conclusion

- **With good data and the right technology, people and institutions today can still solve hard problems and change the world for the better.**

Recommendations

- **With good data and the right technology, people and institutions today can still solve hard problems and change the world for the better.**



Thank You

... Q&A