

# Project Benson



DATA SCIENCE CONSULTANCY

# Situation

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The New York State is heavily promoting the development of the suburbs, from Brownfield Opportunities Areas (BOA) in grants to Upper Manhattan Empower Zone. Metis Real Estate approached FF consultancy to give them insights on the opportunities available.

# Data Munging

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To get the latest picture of the situation, we extracted the latest available turnstile data from NY MTA.

We used IPython to extract, clean, transform, adjust and summarize the turnstile data.

# Results

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To visualize the data better (since we don't know how to use D3.js yet), we used Tableau.

The results are interesting.



# Conclusion

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Metis Real Estate should pursue development in Upper Manhattan and [Greater Brooklyn area] because there's demand from commuters, a need due to safety issues of depreciated buildings and extensive government support.

# Next Steps

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Time series data

More robust adjustment

Explore different angles (e.g. bus transit data)