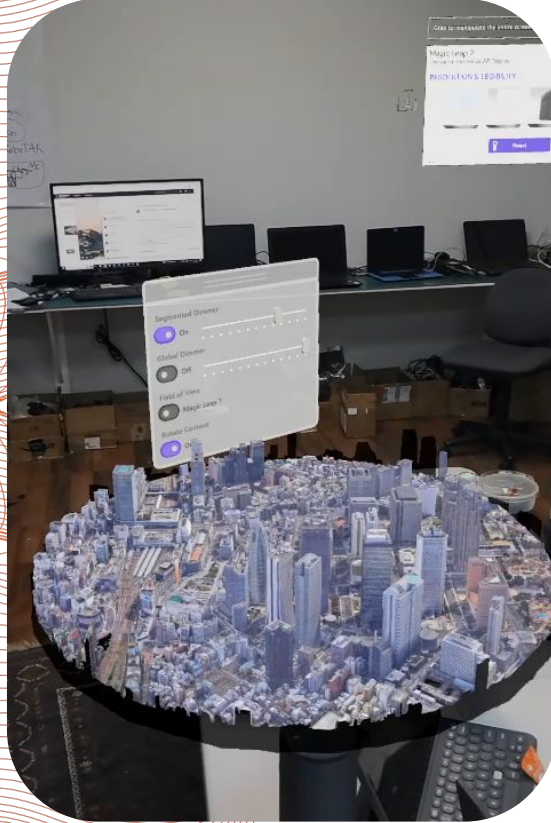


Miami's Emerging AI Future Hackathon 2023
Team Impatient Software



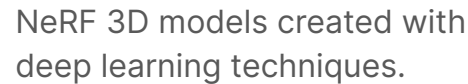
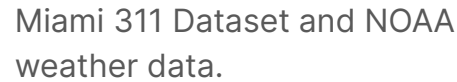
The Problem

- Flooding caused by storms is a significant issue for Miami residents
- City planners have limited resources to address the issue.



The Solution

- Leverage machine learning to identify instances of weather-induced flooding.
- Use augmented reality to visualize the locations which most need improvement.





The Process

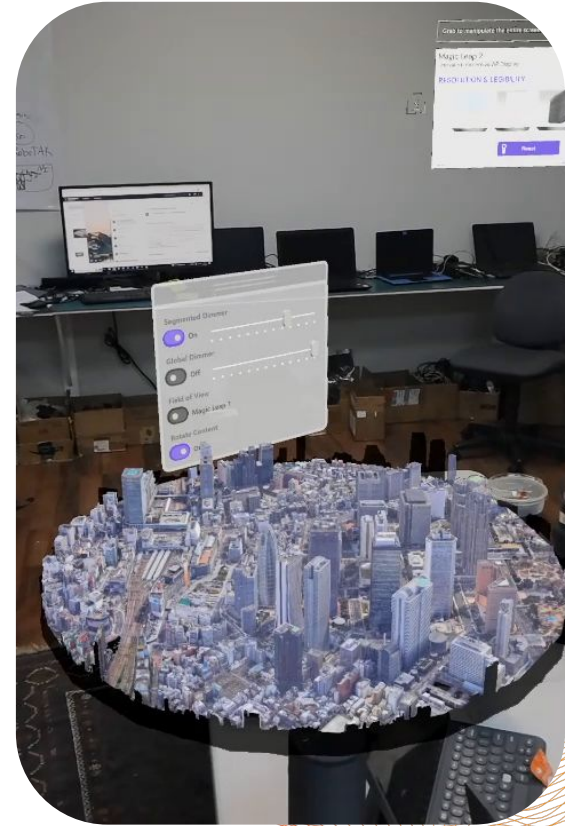
- Collect and analyze Data.
- Clean and normalize data formats.
- Apply machine learning algorithm to perform correlation analysis.
- Train, evaluate and use the model to make predictions.
- Build an AR application to run on the Magic Leap 2 device
- Import NeRF MIA Model
- Import the correlated dataset to display geographic points.





The Results and Future Enhancements

- A visually stunning way to optimize resource allocation and prioritization.
- Future enhancements could include the incorporation of real-time data and the ability to update the visualization as storms occur.





Thank you. Please feel free to ask any questions. 😊