

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Alpha Presentation

## Technology Peripheral Inventory Predictor

The Capstone Experience

Team Humana

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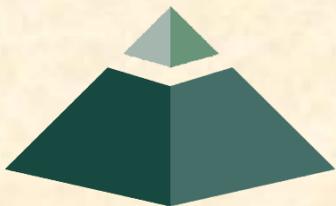
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*From Students...  
...to Professionals*

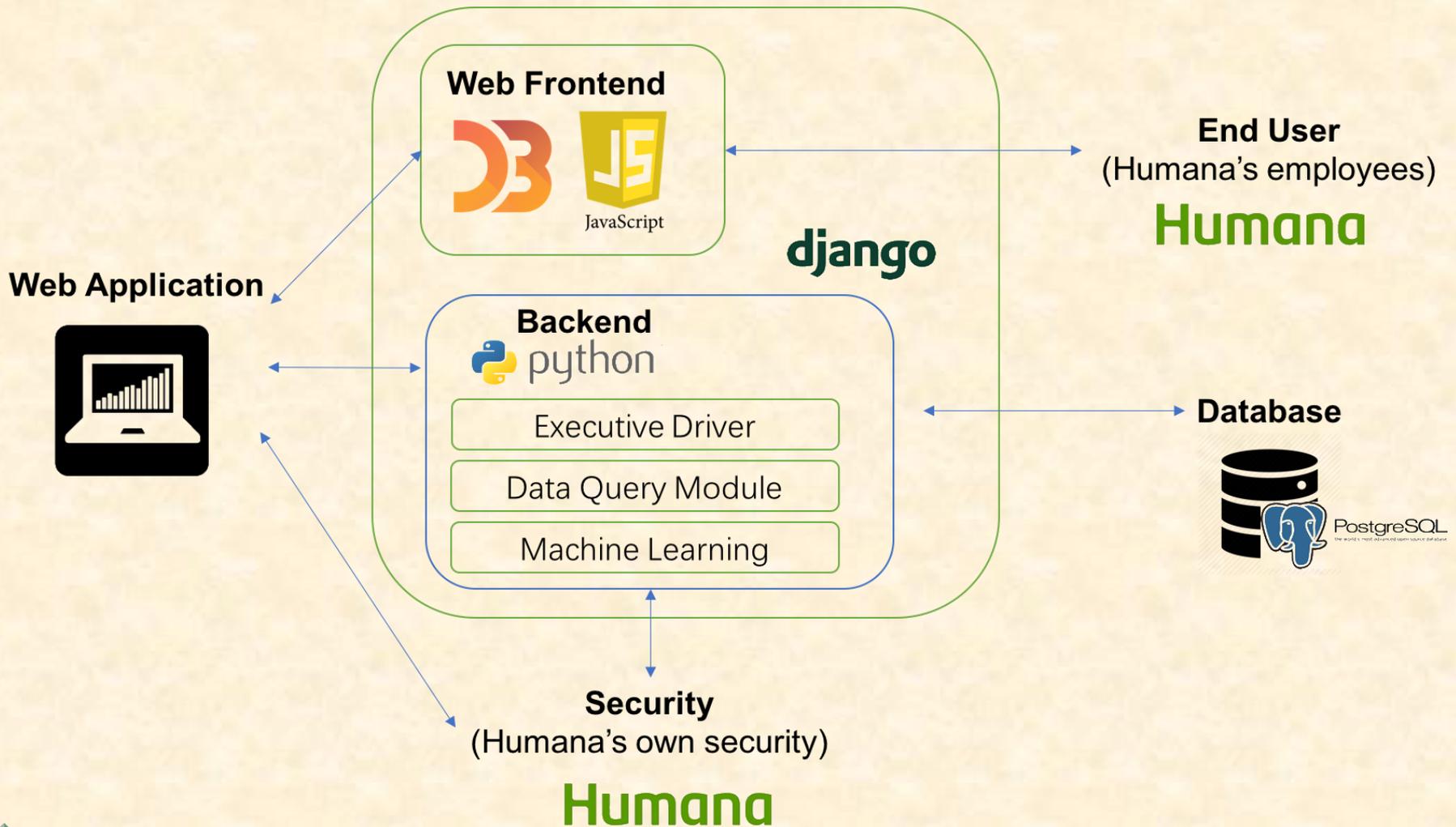
# Project Overview

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- Demand forecasting for computer peripherals
  - Uses existing dataset
  - Can accept new purchases on-the-fly
- History view for past purchases
  - Identify trends
  - See combined history and predictions to make informed decisions



# System Architecture



# What's left to do?

- Connect modules
  - Frontend to backend
  - Machine learning to backend
  - Database to backend
- Visualize data
  - D3.js
  - Needs frontend and backend connection first
- Refine and iteratively improve application



# Questions?

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