



PFE BOOK

2025



ABOUT US

- Official Name : Wisevision Ai Technologies
- Year Founded : 2022
- Location : LAC 2 , Tunis
- Activity : Developing Ai solutions for retailers
- E-mail : careers@wisevision.io
- Remote Work : No

Project 001 : Consumer Behavior



GOALS

- Customer footprint heatmap
- Clustering of customer itineraries
- Time spent in each region of interest
- Compare 2 or more heatmaps in 2 different timespans

Technologies Adopted :

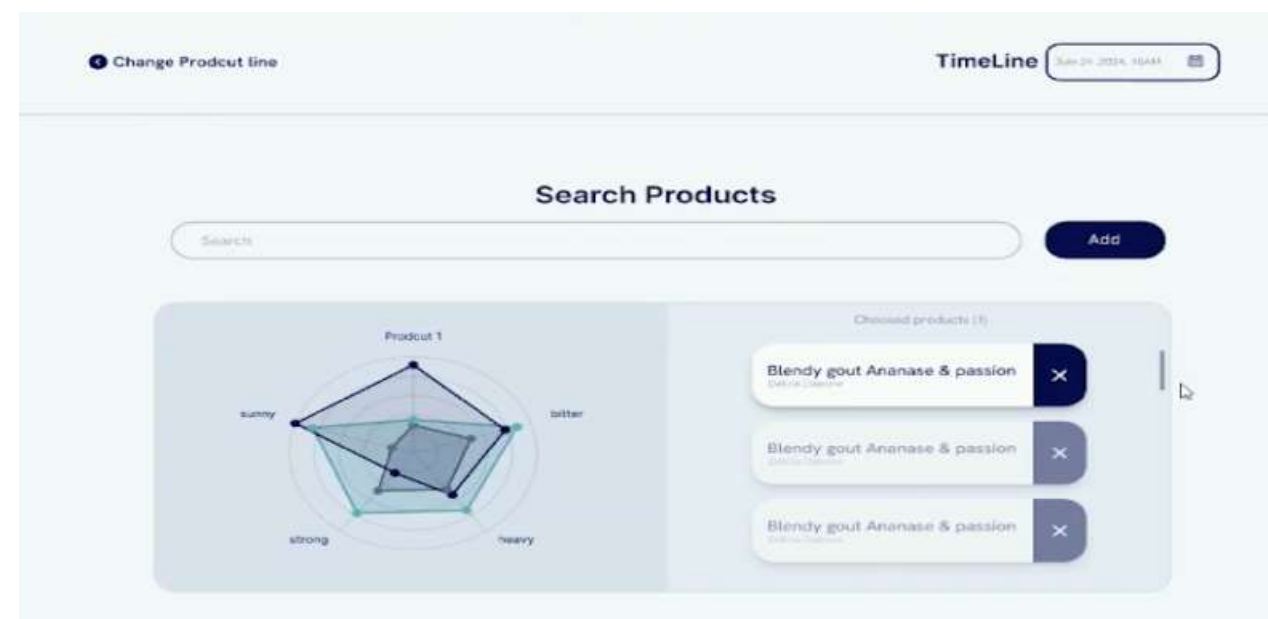
- Nvidia DeepStream
- AWS

Project 002 :Basket Analysis

Change Products From Date 04/2024 to Jan 27, 2024

Product 1 Gateau mini prince 38g Product 2 Gateau moulin d'or 40g

Date	Daily Quantity		Daily Revenue		Daily Tickets	
	Product 1	Product 2	Product 1	Product 2	Product 1	Product 2
2019-04-09	6.5	9	90.35	9.18	12	5
2019-04-10	6.1	8	84.74	8.16	22	6
2019-04-11	6.6	7	94.52	6.15	19	3
2019-04-12	6.6	5	80.30	4.12	13	3
2019-04-12	6.7	2	83.00	4.55	11	2
2019-04-12	6.7	2	83.00	4.55	31	1



GOALS

- Dashboard showcasing the individual performance of a product
- Price elasticity measurement
- Study the Boost VS Cannibalization effects between the products

Technologies Adopted :

- Django
- React JS
- mySQL

Project 003 : Sales Forecasting



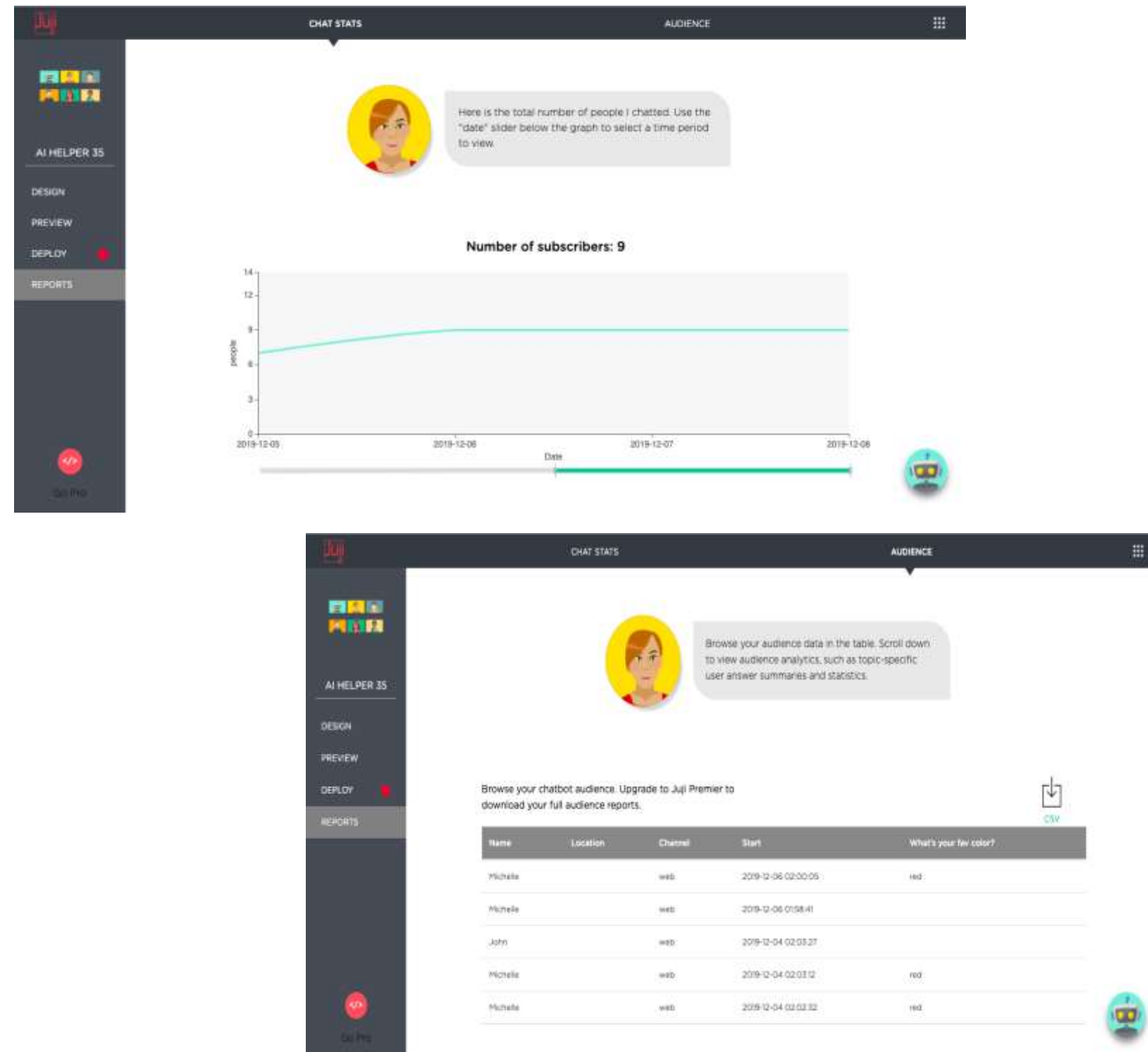
GOALS

- Predict the future demand of a product
- Consolidate the predicted values in a summarizing dashboard
- Conduct What-if analysis via price elasticity

Technologies Adopted :

- Deep Learning (TensorFlow or other)
- Django
- ReactJS

Project 004 : LLM , Reporting Chatbot



GOALS

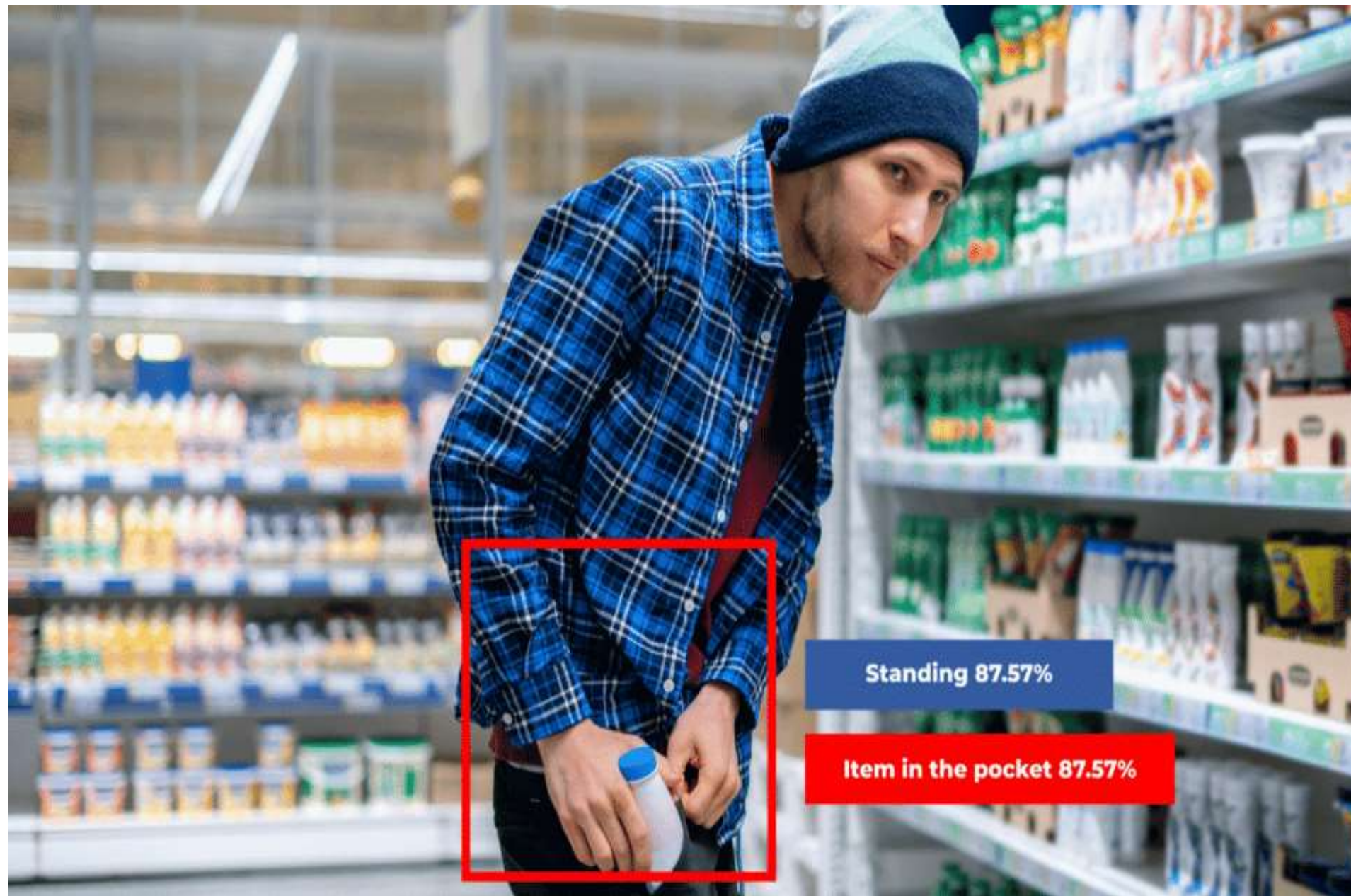
- Develop a generative Ai chatbot that has access to all the necessary data to answer any possible request from the analysts with reliable reports and graphs

Please note that in this project we have no senior guidance

Technologies Adopted :

- Llama 3
- Django
- ReactJS

PROJECT 005 : Shoplifting Detection



GOALS

- Shoplifting detection in real time
- Develop a Ui to showcase the previous shoplifting attempts
- Alert in real time

Please note that in this project we have no senior guidance

Technologies Adopted :

- Nvidia deepstream SDK
- AWS
- OpenCV

Project 006 : Overall Ui/Ux of the solution



In this project, the focus will be on UI/UX design for the whole solution. This entails crafting an intuitive heatmap interface with the other essential components to optimize data visualization within the solution. Responsibilities include developing user-centric designs, ensuring seamless navigation, and enhancing the overall user experience.

Leveraging tools such as Figma, Sketch, or Adobe XD for design mock-ups, and prototyping will be crucial. Moreover, integrating user feedback and conducting usability testing will refine the interface further. This project provides a holistic experience in UI/UX design while utilizing industry-standard tools, offering valuable skills for future endeavours in the field

WiseVision Technologies

How to apply ?

Send us your CV along with a recommendation letter to careers@wisevision.io and tell us why and how you are a good fit with our needs

PS : Please put the PFE project you choose as e-mail subject and note that this offer is exclusive for PFE seekers.