



ANALYSO

A HACKSTREET BOYS PRODUCT

FOR



PRODUCT FEATURES

- **Forecast** volumes and predict revenue.
- Analysis of **trends to maximise revenue**.
- Estimate Users' **Warranties** and **identify profit-making opportunities**.
- **Predict** pricing and **adoption** of new product based on configuration.

FLOW: BEHAVIOUR DRIVEN DEVELOPMENT

VOLUME FORECASTING

Predict future monthly sales volumes and revenue generated.

Given user wants prediction from historical data

When user selects region for sales

Then display predicted sales Qty for that region

And calculate revenue based on sales.

PATTERN PREDICTION

New users should get a confirmation email and be greeted personally by the site once signed in.

Given user wants prediction from historical data

When user selects region for sales

Then display predicted sales Qty for that region

And calculate revenue based on sales.

and so on...

**PAIR
PROGRAMMING**



TECHNOLOGIES USED



Flask Framwork
Flot chart library
JQuery
Bootstrap



Scikit-learn(Classification)
ARIMA Model
Pandas
Numpy

HOW IS ANALYSO DIFFERENT?

SERVE CLIENTS BEFORE THEY ASK

Using trends and patterns, **offer solutions before** a problem bugs clients.

HELPS STRATEGY REDESIGN

By providing detailed information about customer demographics and preferences.

USING UNTAPPED POTENTIAL FOR REVENUE THROUGH WARRANTIES

Utilizing entitlements database to optimise sale and claim of warranty services.

WORK TO BE DONE

SOLUTIONS FOR BUSINESSES

Estimate when a business will scale up and present them with exclusive **tailored solutions**.

DYNAMIC PRICING

Generate profits by Dynamically varying product prices based on **Location, Consumption** and **Individual Client Profiles**.

THANK YOU!

EFFICIENCY COMPARISON

