PROJECT Problem Statement Data extraction EDA What if unfabelled data? Multiple language data Detect larguage Translate blustering -> bount vectorizer -> Word 2 Vec -> Silhouette Score -> Silhouette visualizer Training data

Training data

Toot course analysis

Problem statement:

"We were trying to build a model that win find out if customers are hoppy or not with the insurance product. I be not then what are the reasons behind it."

l'ombination of 2 things

Dentiment 2 Root course analysis analysis

"We are having client with chain of retailers (rsc: Libestyle, shoppers stop). They observed that number ob customers are visiting their store but very less no. ob people buying products from them."

Reasons -> Rate 1

-> Bad customer Dervice

Domain -> Bank services -> credit cord > internet services > ATM Services Human Resources domain (MR) -> Reasons of employee churring Retail industry Hospitality domain Health domain Dupply chain monagement Telecom domain

"We had a customer they were famous for their main course initially. Recently they added snacks and desserts so they found out that sales of main course has been drastically decreased."

Dwo types of Projects,

In house project blient based Project

Business analyst Manager Jean lead

Problem Statement Architecture blient satisfied Ask for specific data Analyse the data

Decide flow of Project

Architecture Notification will trigger to respected team I department

## Problems

- 1) Time consuming process
- 2) lock of communication
- 3 Vehicle repair shop
- 4) App / Website

Data
D Q wality
2) Quantity
2) Not continuous flow of data
D'exact data not available for our use case
Public options
Fiedback form/google form/voice co

- QWhat problems your faced while extracting data?

  > Private data / Decure data
- Q What is difference between structured and unstructured data ?
- Q. Quartity of data -> > 1 GB
  - -> 10 lacs -> fours

Data -> eycles > Monthly -> 1 2, 3 4 Mrstrang < Data gritial Preprocessing - Language détection - Longuage traslation EDA -> Ngrams
-> Nord cloud
-> Keyphrase extraction