

Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

Build empathy

The information you add here should be representative of the

observations and research you've done about your users.

Says **Thinks** What have we heard them say? What are their wants, needs, hopes, What can we magine them saying? and dreams? What other thoughts might influence their behavior? :Businessrequirements Thebusinessrequirementsforamachinelearningmodeltopredictthyroid Activity1:Specifythebusinessproblem diseaseincludetheabilitytoaccuratelypredictthyroiddiseasebasedonthescan results, Minimise the number of false positives (wrong thyroiddisease RefertoProjectDescription confirmations) and false negatives (thyroidisthere but got as not thyroid disease). Providean explanation for the model's decision, to comply with regulations and rainingfoldercontainsmodeltrainingfilesandthetraining_ibmfoldercontainsIB M deploymentfiles. Toaccomplishthis, we have to complete all the activities listed below, TheuserinteractswiththeUltoentertheinput DefineProblem/ProblemUnderstanding determined by the individual 's age, gender, and physiological states, such as the control of the control ofSpecifythebusinessproblem

Businessrequirements LiteratureSurvey O SocialorBusinessImpact. DataCollection&Preparation

Collectthedataset

DataPreparation ■ ExploratoryDataAnalysis ○ Descriptivestatistical ○ VisualAnalysis ■ ModelBuilding ○ Trainingthemodelinmultiplealgorithms ○ Testingthemodel PerformanceTesting&HyperparameterTuning Testingmodelwithmultipleevaluationmetrics (ThyroidDiseaseClassi Comparingmodelaccuracybefore&afterapplyinghyperparametertuning ficationUsingML There are many popular open sources for collecting the data. Eg: kaggle.com, Thebusinessrequirements for a machine learning model to predict thyroid diseaseincludetheabilitytoaccuratelypredictthyroiddiseasebasedonthescan results, M in imise the number of false positives (wrong thyroid disease)UCIrepository,etc. confirmations) and false negatives (thyroidisthere but got as not thyroid disease) Providean explanation for the model's decision, to comply with regulations and improvetransparency. Inpandas, we have a function called read_csv() to read the dataset. As a parameter, we have to give the directory of the csv file. Ourdatasetformatmightbein.csv,excelfiles,.txt,.json,etc.Wecanreadthe datasetwiththehelpofpandas BusinessModel/Impact:-Wecanmakethisapplicationpublic,offerservicesasa SocialImpact:-Untreated/ subscriptionbasedorcancollaboratewithhealthcarecentresorspecialists. gettreatmentandgetcured **Feels Does** What are their fears, frustrations, and anxieties? What other feelings might What behavior have we observed? influence their behavior? What can we imagine them doing?





