THE *GENERATIVE AI* LANDSCAPE

ANTLER

TEXT

Smartwriter.ai · Hypertype · Lately · Autobound · Writesonic · Jasper · cogram · genei · YOU · AI21labs · letterdrop · copysmith · Creatext · jenni · mavenoid · anyword · [PERSADO] · frase · regie.ai · Mutiny · Linguix · Hypotenuse AI · WRITER · OTHERSIDE AI · copy.ai · copymatic · COMPOSE AI

IMAGE

ClipDrop · pencil · beautiful.ai · PhotoRoom · BRIA · Facet · Poly · CSM · Blend · HYPAR · KREA · ROSEBUD.AI · maket · Autoenhance.ai · BOTIKA · Sloyd · MODULIZE · Re:cast AI · uizard · Imagen · Hexo AI

AUDIO

MURF AI · REPLICA · notably · Endel · WELLSAID · AssemblyAI · DEEPGRAM · krisp · Speechify · RESEMBLE.AI · KAIZAN · coqui · Mubert · Neural Space · soundful · moises · VOICEMOD · Listnr · LOVO · Vocal Clarity · Dubverse · AD AURIS

CODE

Debuild · tabnine · Codiga · Locofy · AIXcoder · Mintlify · māyā · MutableAI · Codis · durable · The.com · bloop. · replit · ENZYME · DhiWise · codota · anima · CODACY · warp · Metabob

CHATBOTS

lang.ai · PolyAI · Tymely · Incentivai · Kasisto · ushur · CRESTA · Elise AI · verloop.io · Replika · ultimate.ai · Cohere · Sapling · haptik · ada · Forethought · OBSERVE.AI · XOXind · Balto · Certainly.

VIDEO

ZUBTITLE · TERRA · Peech · VOCHI · Maverick · recut · VEED.IO · Basch.io · inworld · WOMBO · tavus · deepdub.ai · FATHOM · runway · Mario · EMBLY · PICTORY · vidyo.ai · Rephrase.ai · lumen5 · Steve AI · windsor.io · YEPIC · deepdub.ai · Colossyan · METAPHYSIC · Potion

ML PLATFORMS

slai · jina · symbl.ai · Adept · aporia · GANTRY · deepset · Synthesis.ai · Archistar · Galileo · featureform

SEARCH

glean · Looria · Hebbia · consensus · Air · vectara · Pinecone · qdrant

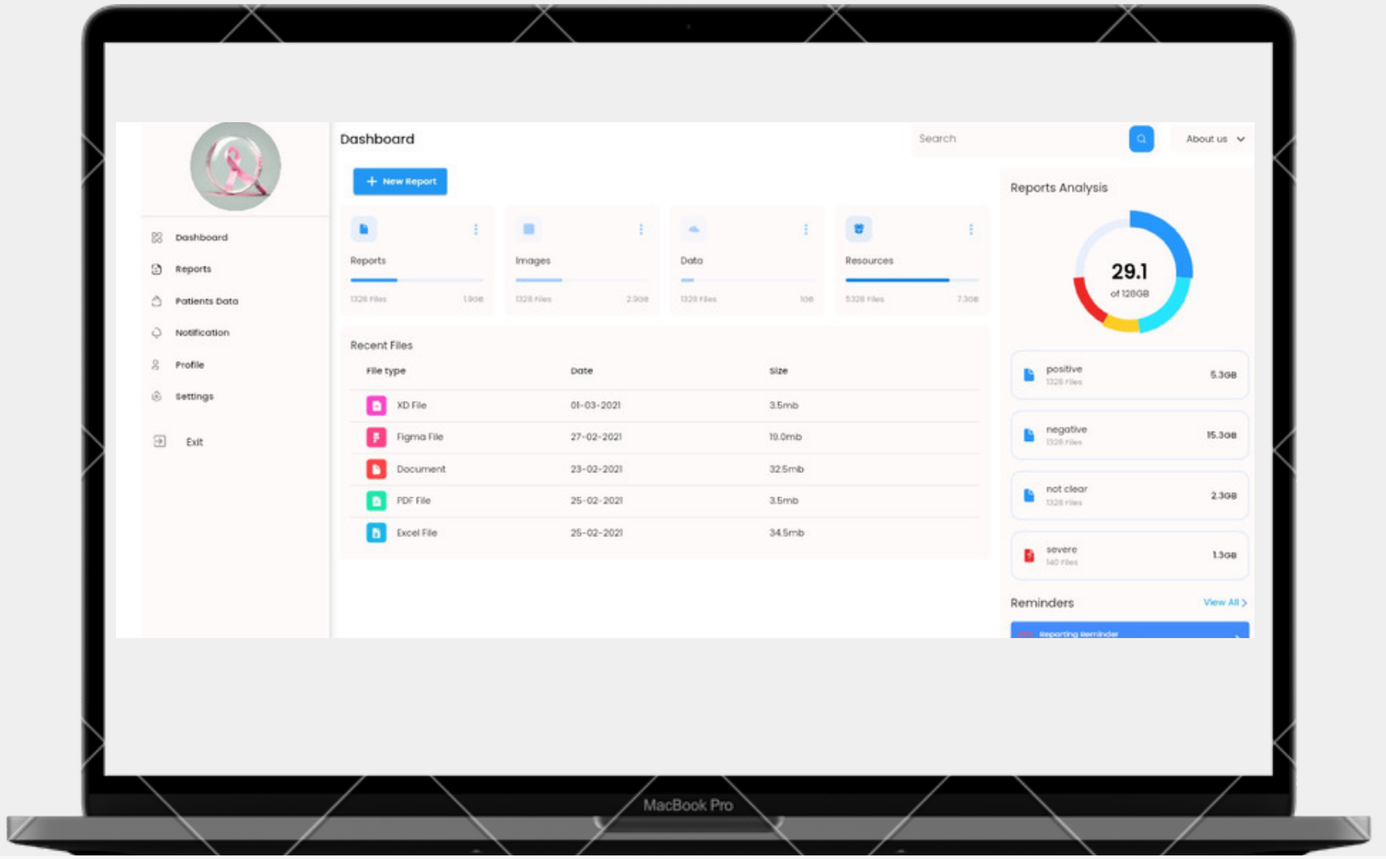
GAMING

charisma.ai · hidden door · LATITUDE · Spellbrush

DATA

Pilot · gretel · DATAHERALD · SYNTEGRA · Mirry.AI · BIFROST · datagen

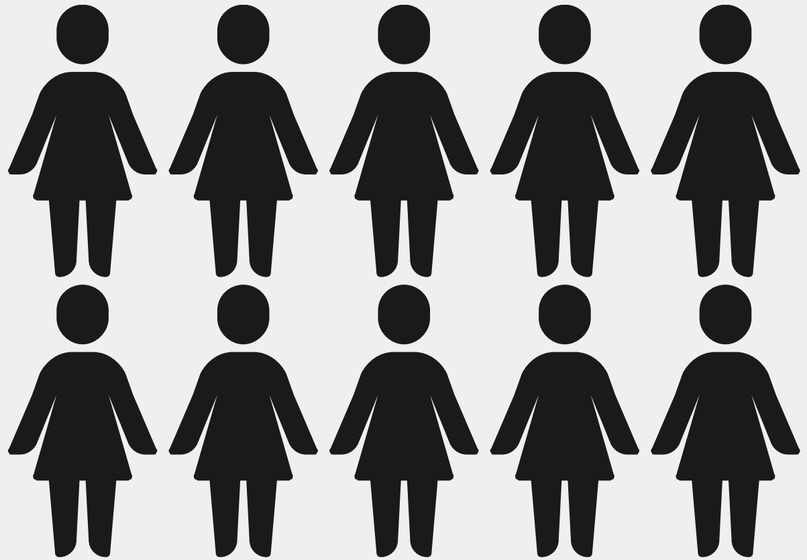
Breasr Cancer Diagnosis Aid



80%

Breast cancer is the most common cancer in the world and thousands of women die every year because in accurate diagnosis or late detection

STATISTICS



Radiology Challenges

A curial role in diagnosis stage and affect the all journey of the patient if it will be tue positive otr true negative

01 manual diagnosis

02 patients data managemtns

03 generate professional reports

Our Tool

01 an accurate diagnosis using machine learning algorithms

02 patient data managemetns using easy and usable dashboard

03 Chatbot as a decision support by resources

04 generate a professional report - global standard

CONTENT

technologies

machine learning algorithms

4 machine learninig models in mri and ultrasound, mammogram cancer detections and patient state prediction

Flutter technologies

responsive dashboard with easy to handle and understand user interface, professional report generation, chatbot with dialogflow technology

APIS and Firebase cloud

firebase authentication and firebase cloud for data storage, flask api fort machine learning conccection

machine learning models MRI

Building a machine learning model to detect breast cancer from MRI images

01

Data collection
Data preprocessing
Feature extraction
Model training
Model evaluation
Model refinement

machine learning models MAMMOGRAM

Clearly describe your product in terms that your audience will understand.

01

_Collect and preprocess the data(image)
_Split the data into training and testing sets

02

_Choose a suitable machine learning algorithm(for image classification)
- There are many algorithms you could use for image classification, such as Convolutional Neural Networks (CNNs), Random Forests, and Support Vector Machines (SVMs). CNNs are particularly effective for image classification tasks.

03

_Train the model
_Evaluate the model (performance)
_Deploy

machine learning models ULTRASOUND

Developing a machine learning model, especially for medical applications like ultrasound analysis, requires expertise in both machine learning and domain-specific knowledge. Collaboration with medical professionals and domain experts is crucial to ensure the model's accuracy and safety.

01

Gather and preprocess data

Split the dataset:

Design the model architecture

02

Train the model

Validate and tune hyperparameters

03

Evaluate the model

Deploy and monitor

machine learning models PREDICTION STATE

Clearly describe your product in terms that your audience will understand.

01

Collect clinical and demographic data from patients, such as age, gender, family history, and lifestyle factors.

Collect biomarker data, such as hormone levels, genetic mutations, and protein expression, from blood samples or tissue biopsies.

02

Preprocess the data to remove missing values, outliers, and other inconsistencies.

Split the dataset into training and validation sets.

03

Select a suitable machine learning algorithm for the prediction task, such as logistic regression, random forest, or support vector machines.

Train the model on the training set using the selected algorithm and the preprocessed data.

CHATBOT

dialogflow chatbot worked as a decision support by resources to help in accurate diagnosis

get large dataset with inforamtions and resources to gain the knowledge and take a decision using many technologies

STEP1

train machine learning model with predictions according to the data enters to the report

STEP2

generate the response with high accuracy and work as a support in decision taked

STEP3

REPORT GENERATION

steps 1

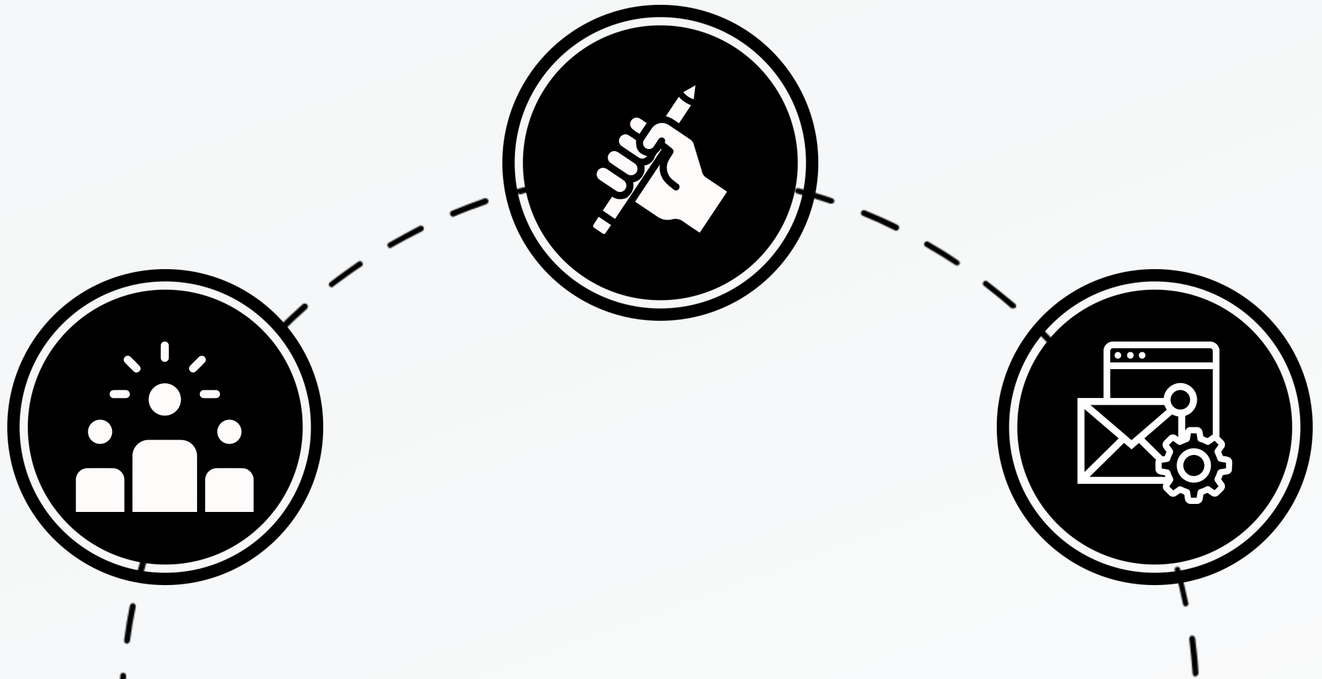
enter the EHR report to get the required inforamtions to write it in the report

step 2

get the informations and enable manual dat entery from the user to add his manual diagnosis

step 3

render the information and download the report as a pdf file



Your Logo

Thank You

Contact us to learn more

our team member
Alaa,Lara,Dalia,shady,karim
Founders & CEOs of an
International company

Believe and your belief will create the fact.