

Prediction Ctrl

A reliable tool for analysing and forecasting



Global AI Hackathon
#BuildwithAI : Emergence

#challenge_predictive_algorithm



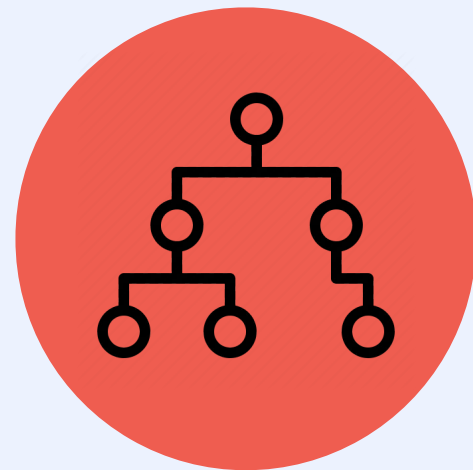
Problem - COVID 19

- Limited knowledge about the growing corona cases
- Inadequate management of resources
- Non-availability of reliable forecasting tool
- Inaccessibility of data derived decision making tool



Solution

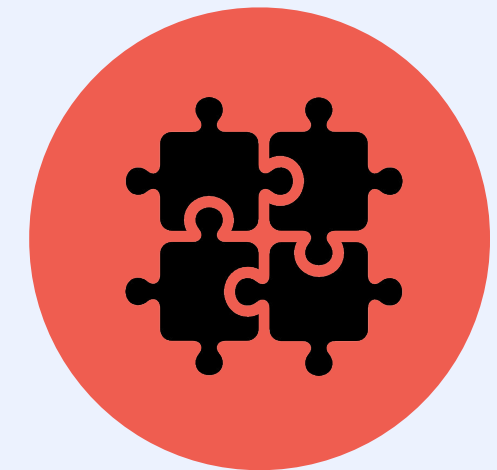
VISION : To predict accurately the spread of coronavirus to help businesses and clients to make **faster** and **smarter decision** through our tools.



Better decision making



Interactive visualization



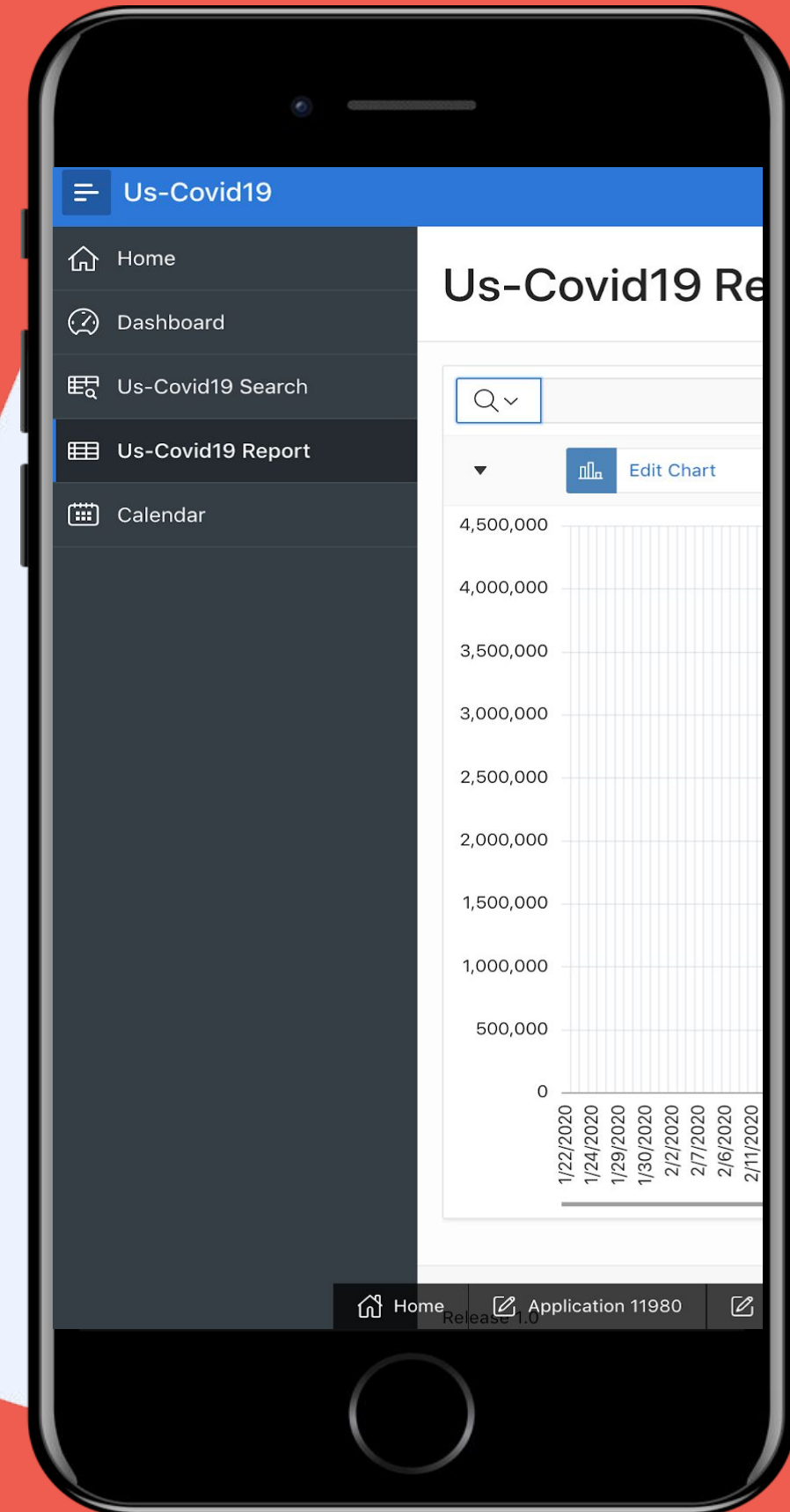
Business Integration



Our Product

Prediction Ctrl

A reliable tool for analysis and forecasting



US COVID-19 Dashboard

Home

Dashboard

Us-Covid19 Search

Us-Covid19 Report

Calendar

Us-Covid19 Search

Cases

<50 (36)

50 - 200,000 (35)

200,000 - 1,000,000 (27)

1,000,000 - 2,000,000 (43)

>=2,000,000 (44)

Deaths

<5,000 (71)

5,000 - 50,000 (23)

50,000 - 90,000 (24)

>=90,000 (67)

Total Row Count 185

Reset

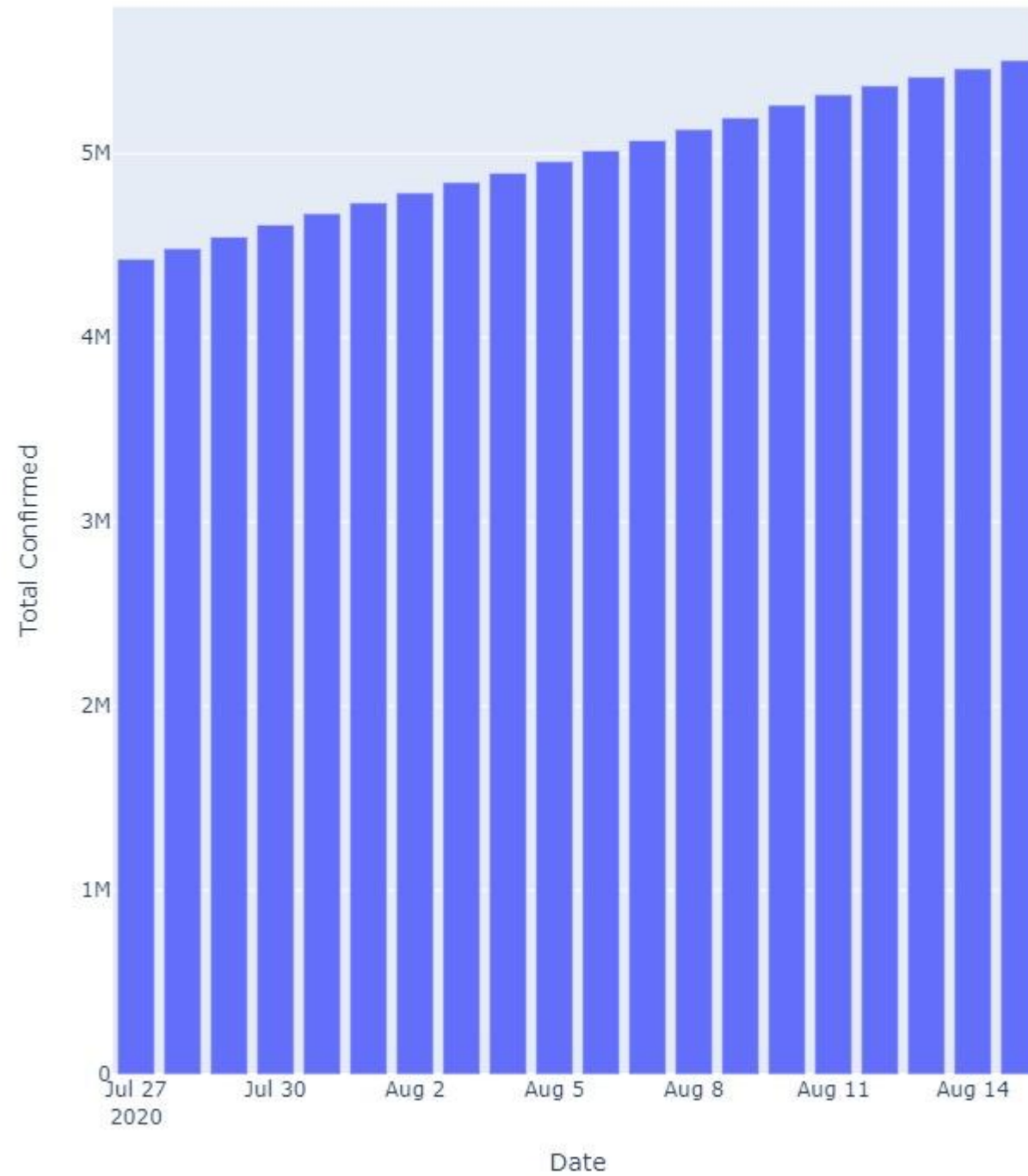
Create

	Date	Cases	Deaths
	1/21/2020	1	0
	1/22/2020	1	0
	1/23/2020	1	0
	1/24/2020	2	0
	1/25/2020	3	0
	1/26/2020	5	0
	1/27/2020	5	0
	1/28/2020	5	0
	1/29/2020	5	0
	1/30/2020	6	0
	1/31/2020	7	0
	2/1/2020	8	0
	2/2/2020	11	0
	2/3/2020	11	0
	2/4/2020	11	0
	2/5/2020	12	0

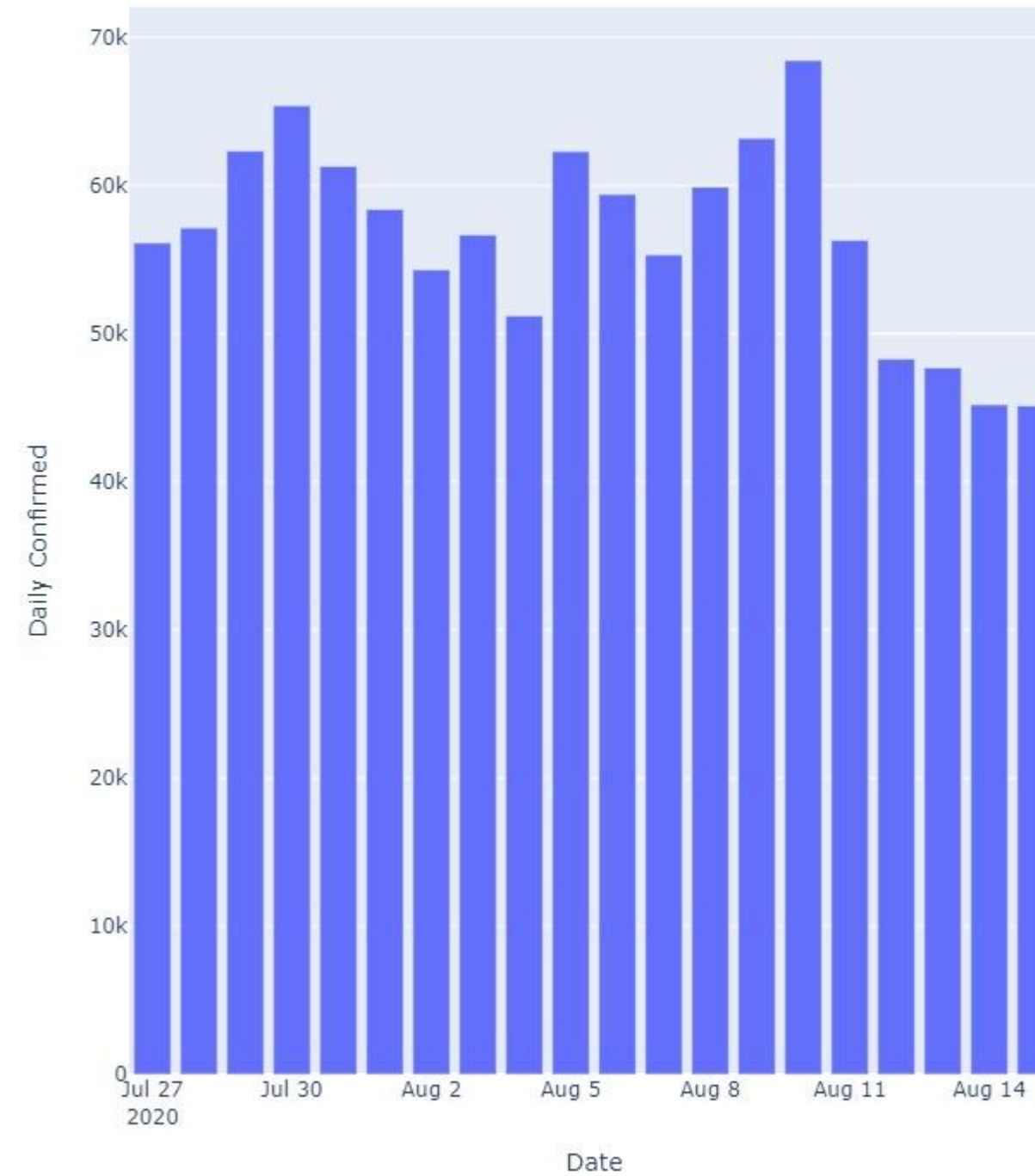


Prediction from July 27th - Aug 15th

Trend of the total number of cases increased for the last 15 days



Trend of last 15 days increase in number of cases



WHO - USA Corona statistics

United States of America Situation

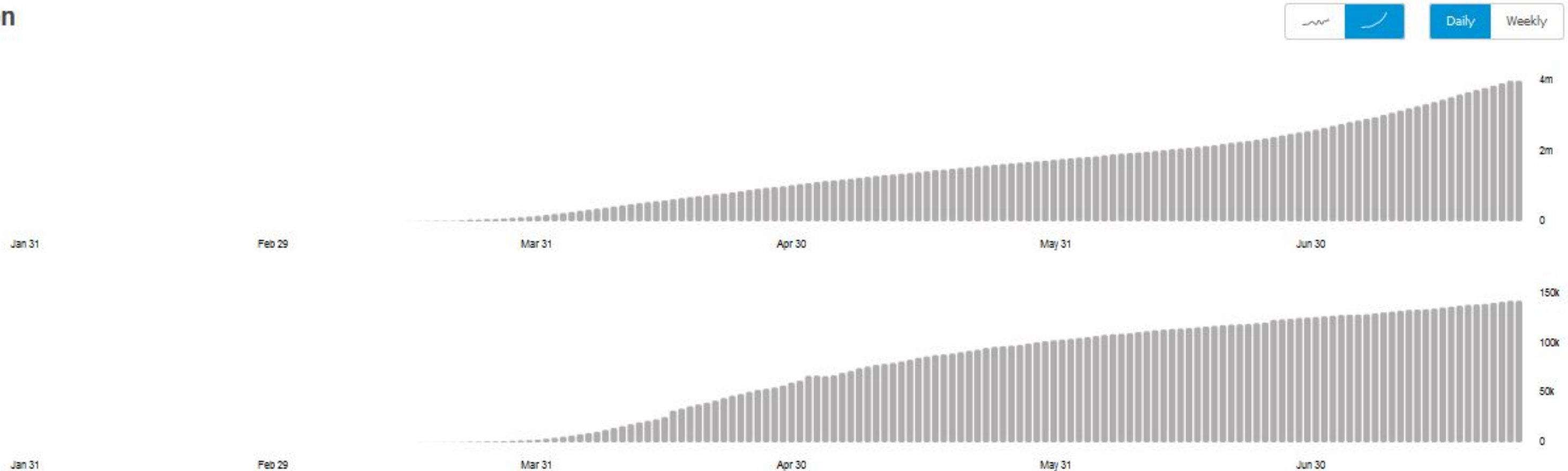
4,009,808

confirmed cases

143,663

deaths

Source: World Health Organization



WHO Health Emergency Dashboard WHO (COVID-19) Homepage

Source : <https://covid19.who.int/region/amro/country/us>



Technologies



Oracle Cloud
Oracle Apex/Analytics



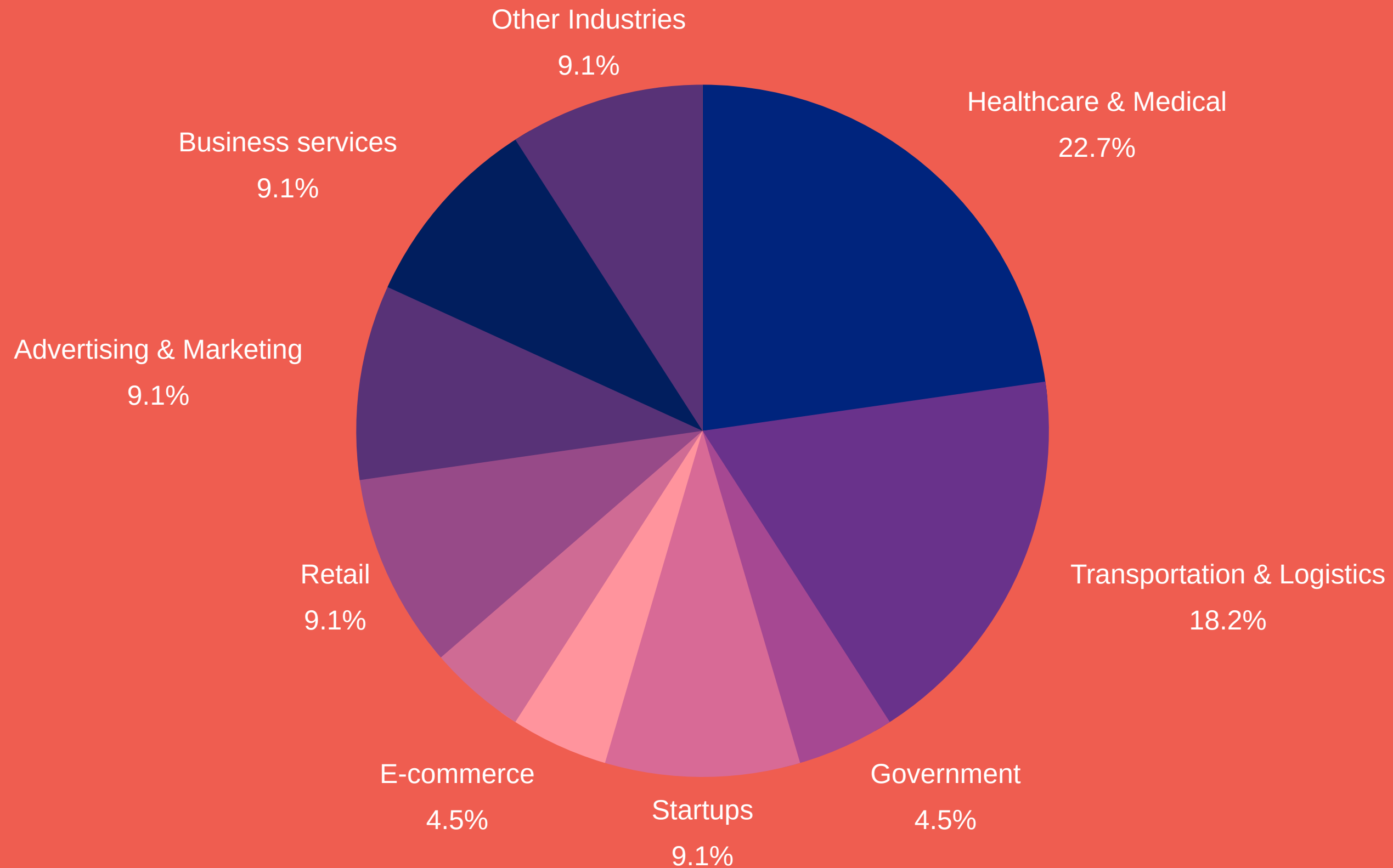
Amazon Web Service



Google Colab



Target Market



Source :<https://www.goodfirms.co/company/beyond-analysis/focus>

Competitive Advantages



Delivered on time



Reliable / High
Availability Services



Time / Features Subscriptions



Highly Accurate Results



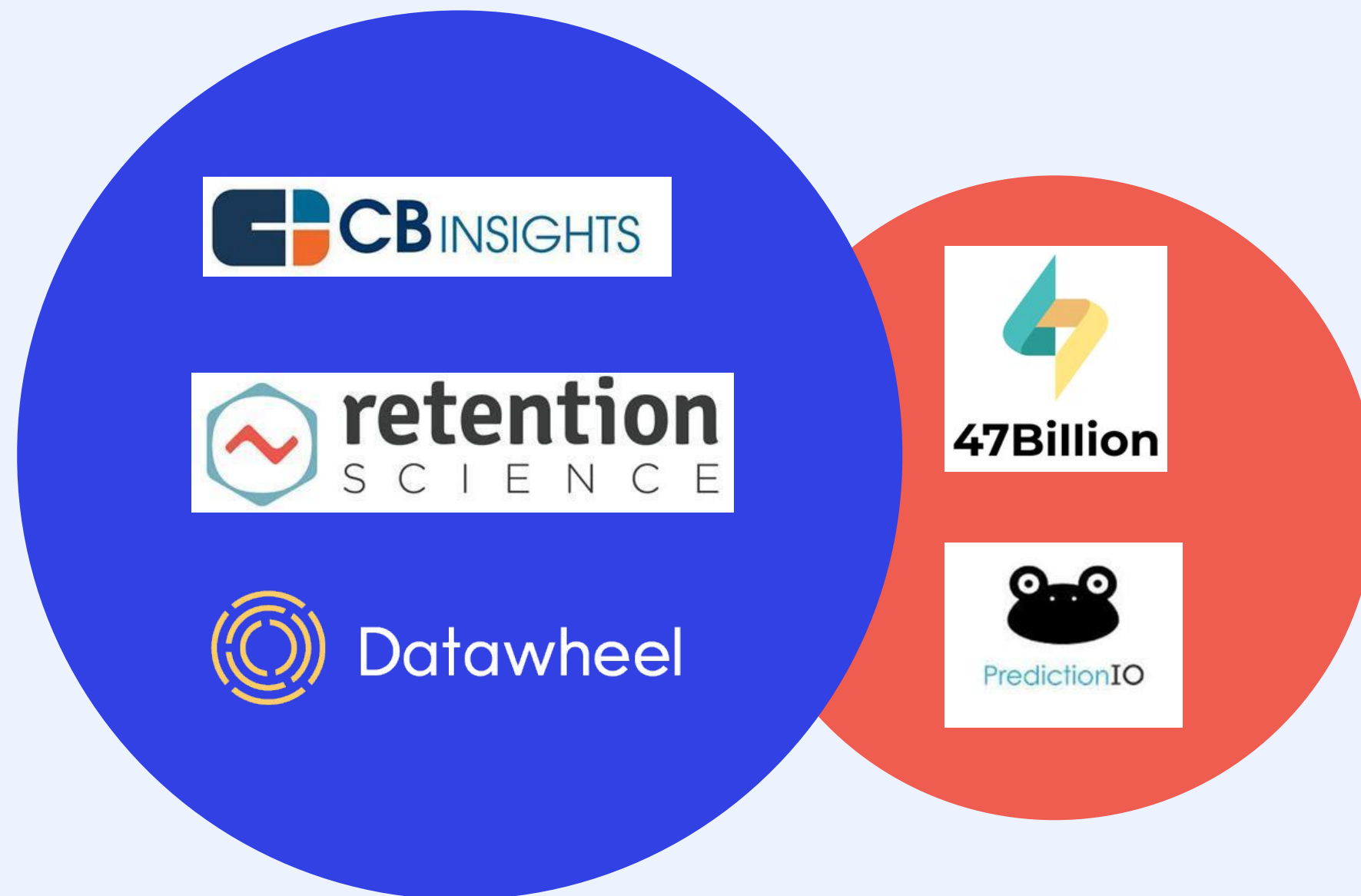
On-demand Services



Best Price



Competitors



Market Strategy

- Partnerships/VCs & Government Funds
- Create Public Awareness through marketing
- Incentivize user for referral



Business Model



Future Roadmap

Next steps is to enhance the model and achieve better accuracy



Market deployment



Product Customization



Expand Market size




Our Diverse AI Team



Syed Mustafa Imam 
Data Visualizer/ Presenter



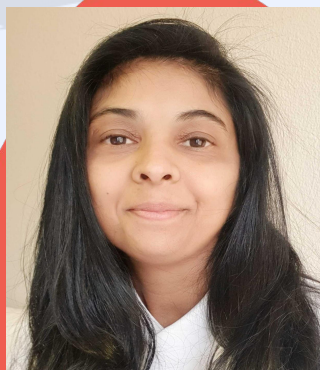
Irfan Mansuri 
Data Analyst & Web Developer



Mahabir Gupta 
Software Engineer



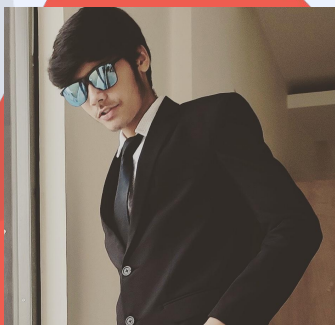
Dehlia Redker 
Data Engineer



Lavina 
Lead Mentor



Franklyn Ogbonna 
Software Engineer




Tanuj Dhiman 
Project Manager



Shenaha Sivakumar 
GIS & Data Science



Saif Hague 
Mentor



Thank you



References

- Github link : https://github.com/iffyaiyan/predictive_algo
- YouTube link :
<https://www.youtube.com/watch?v=z0XIHs87Zws&feature=youtu.be>

