

# Prediction Ctrl

A reliable tool for analysing and forecasting



Global AI Hackathon  
#BuildwithAI : Emergence

#challenge\_predictive\_algorithm



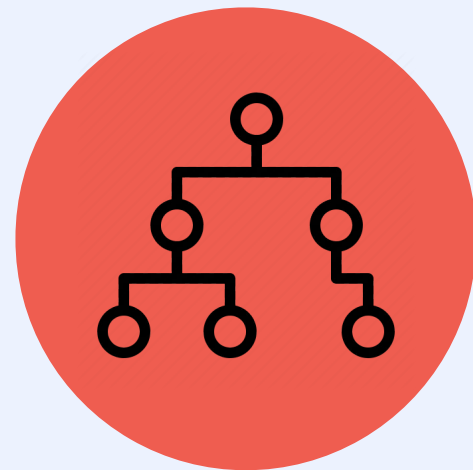
# Problem - COVID 19

- 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

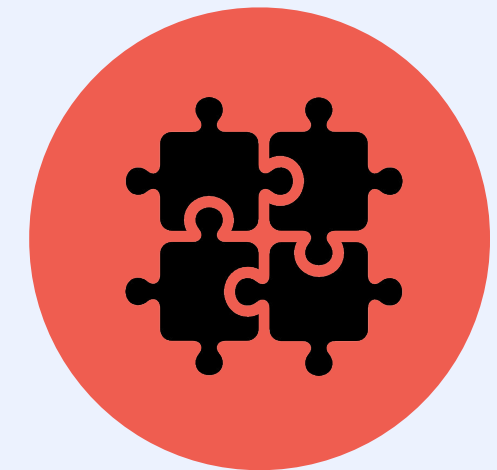
**VISION** : To predict accurately the spread of coronavirus to help businesses and clients to make **faster** and **smarter decision** through our tools.



Better decision making



Interactive visualization



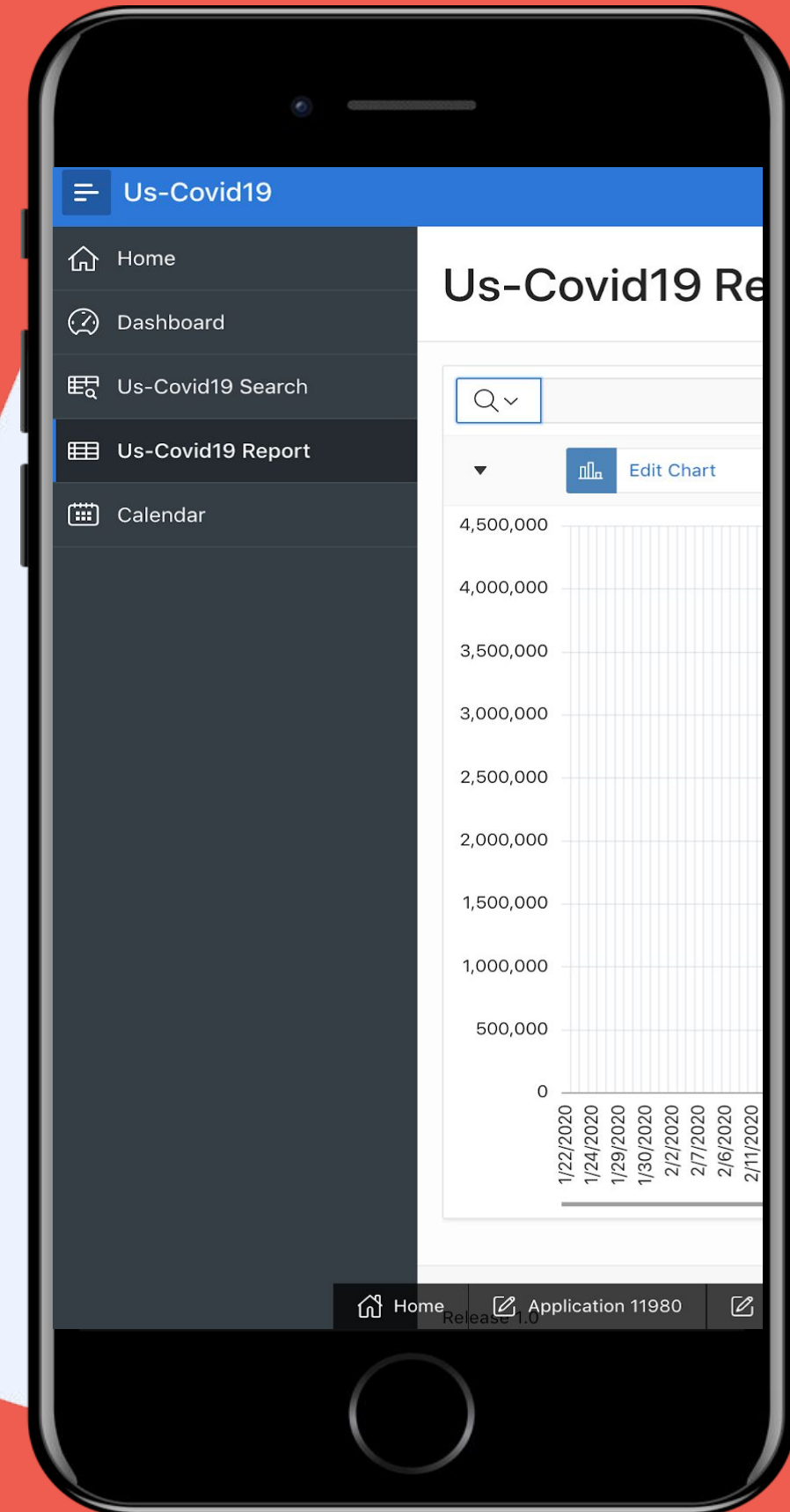
Business Integration



# 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

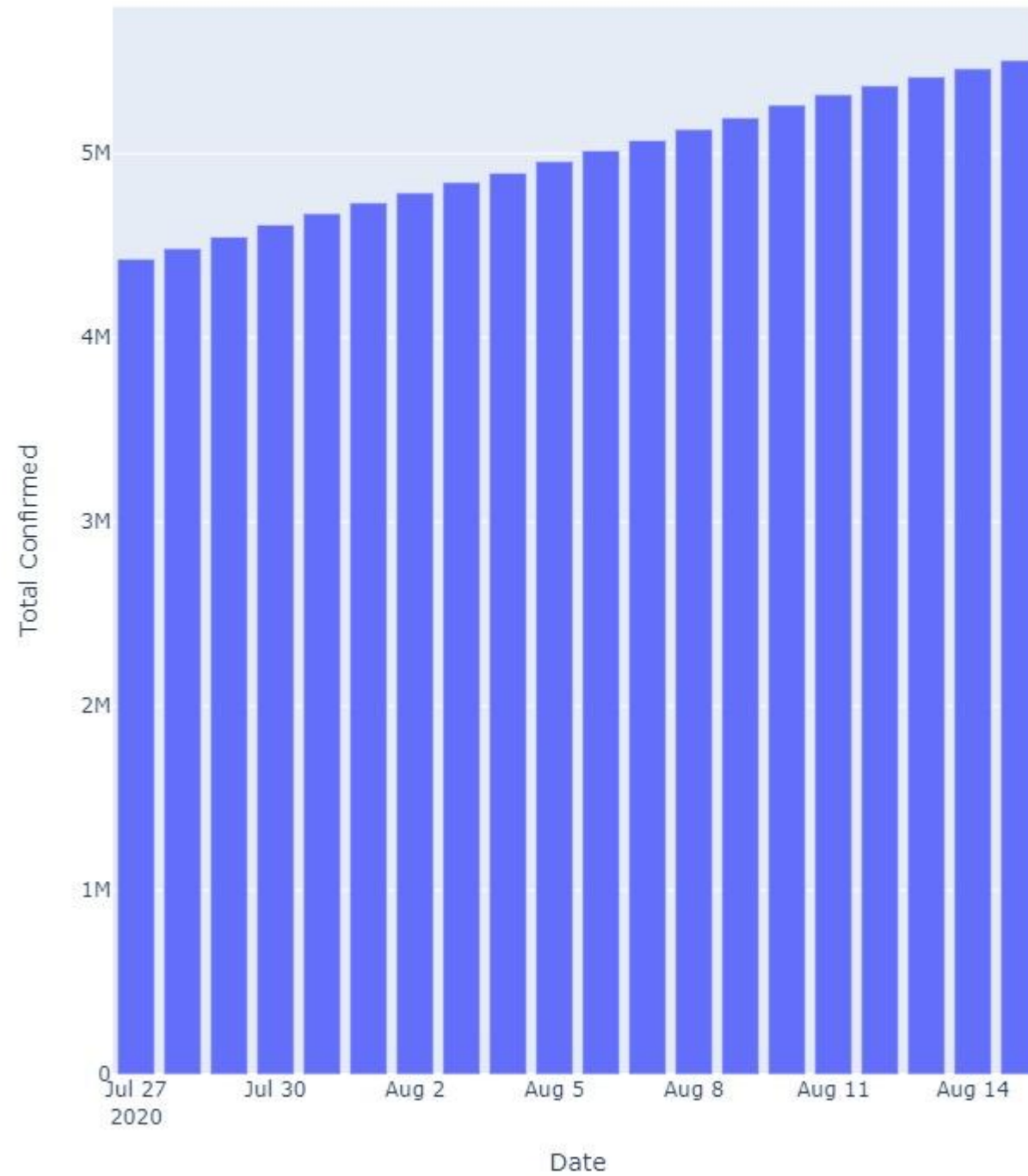
Create

	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

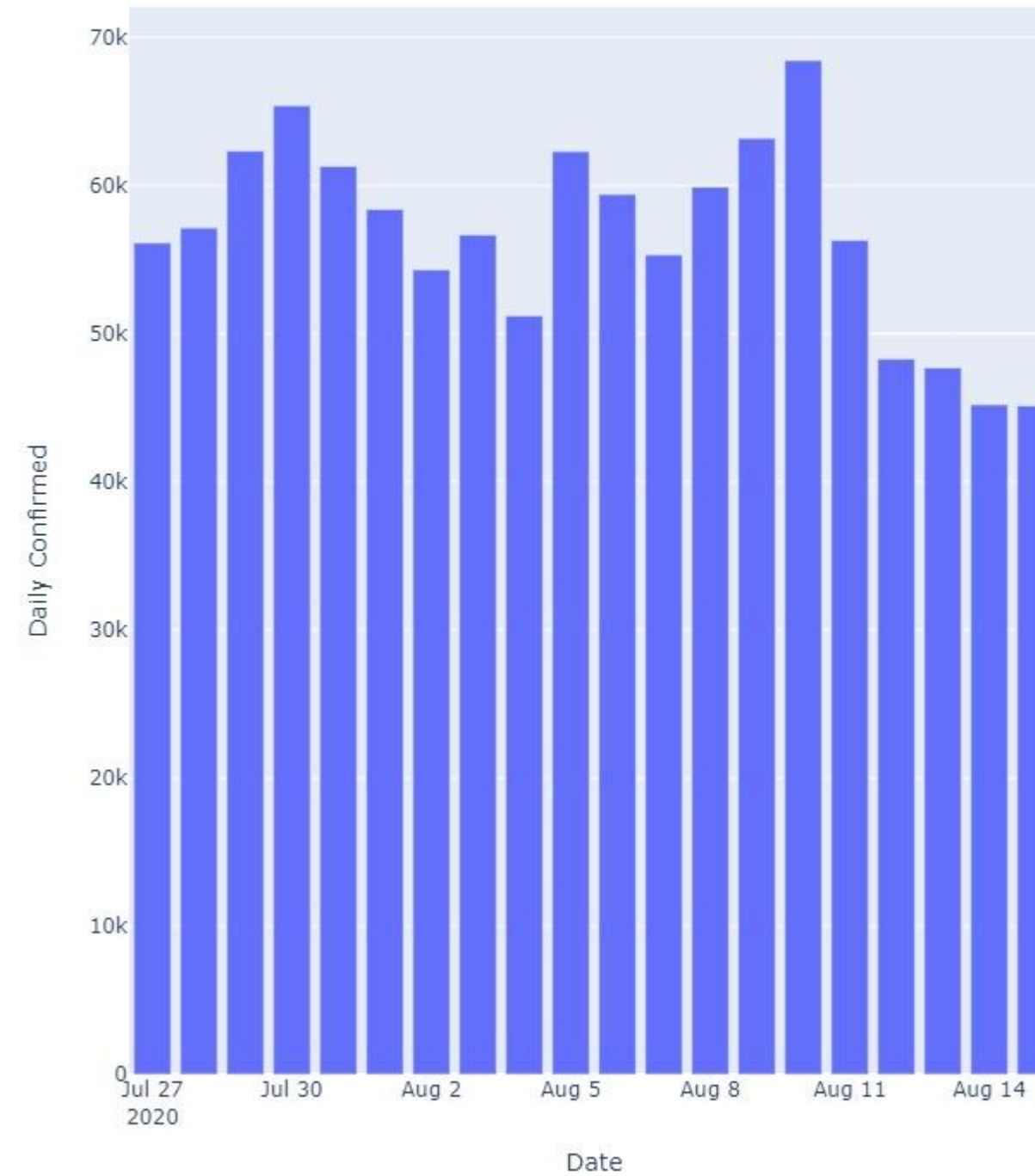


# Prediction from July 27th - Aug 15th

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

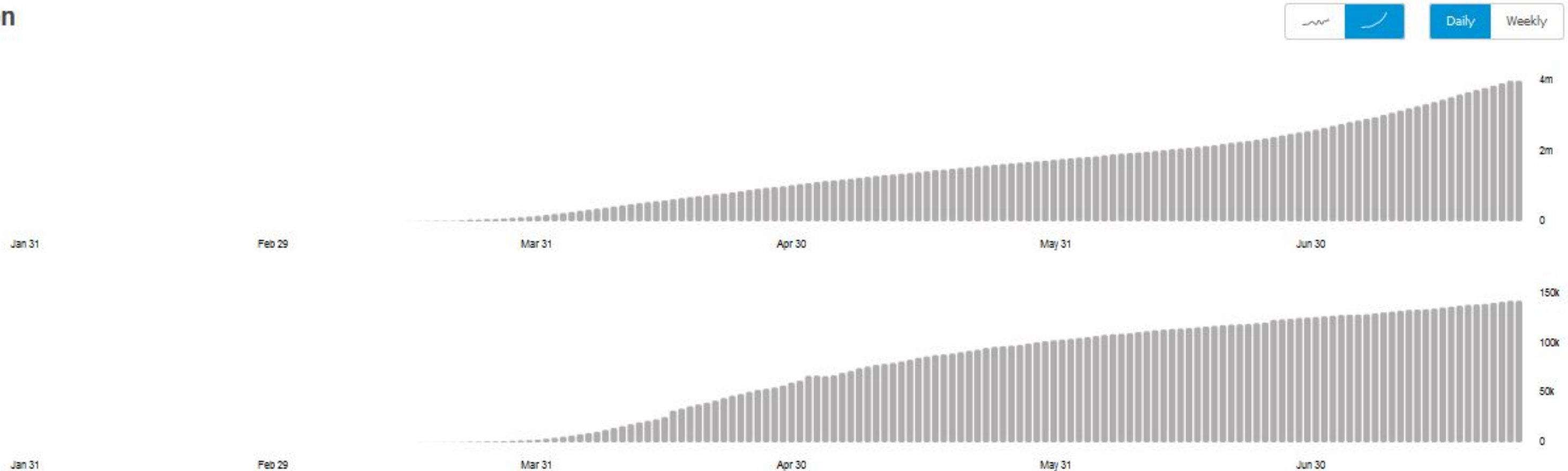
**4,009,808**

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

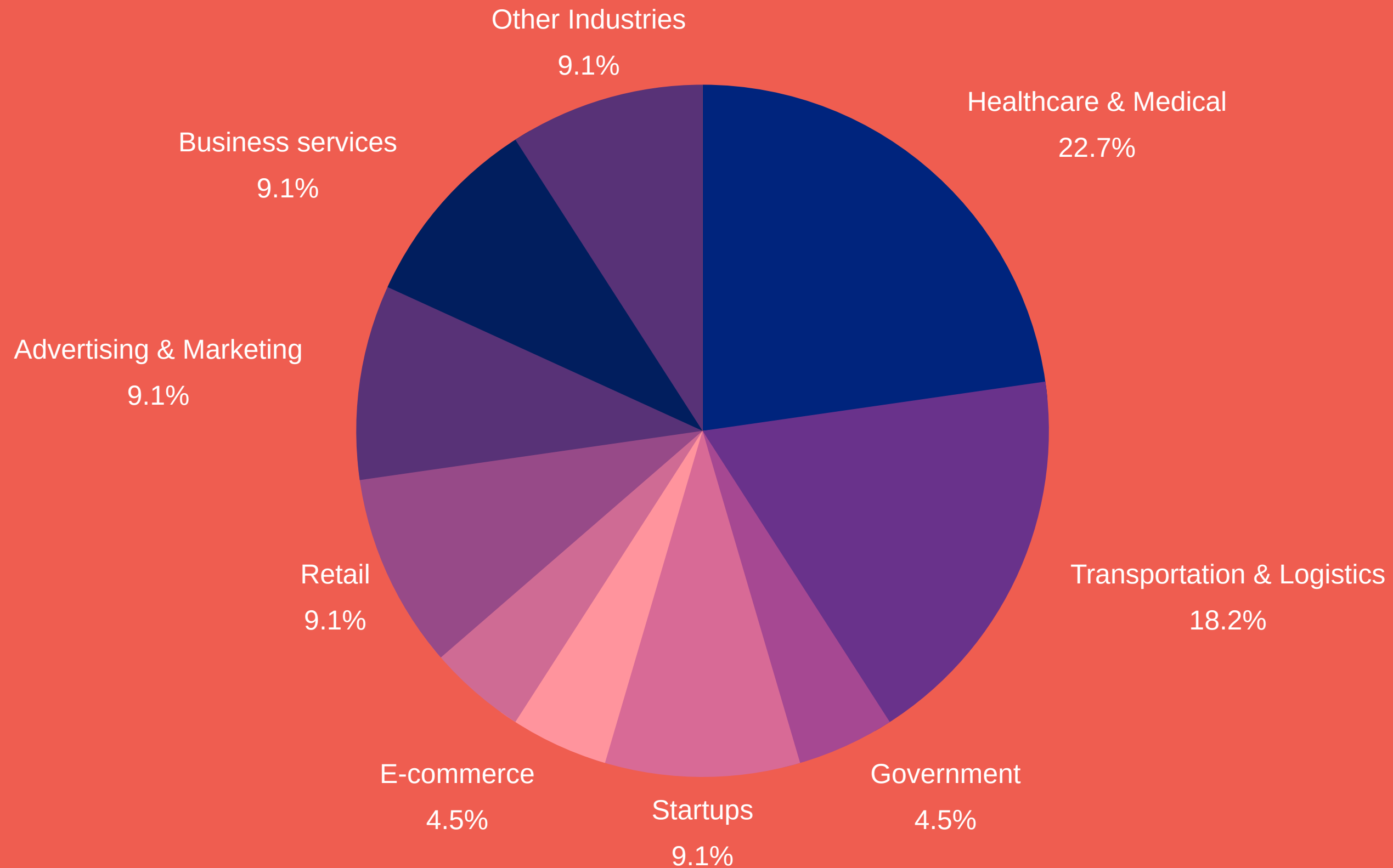


Google Colab





# 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



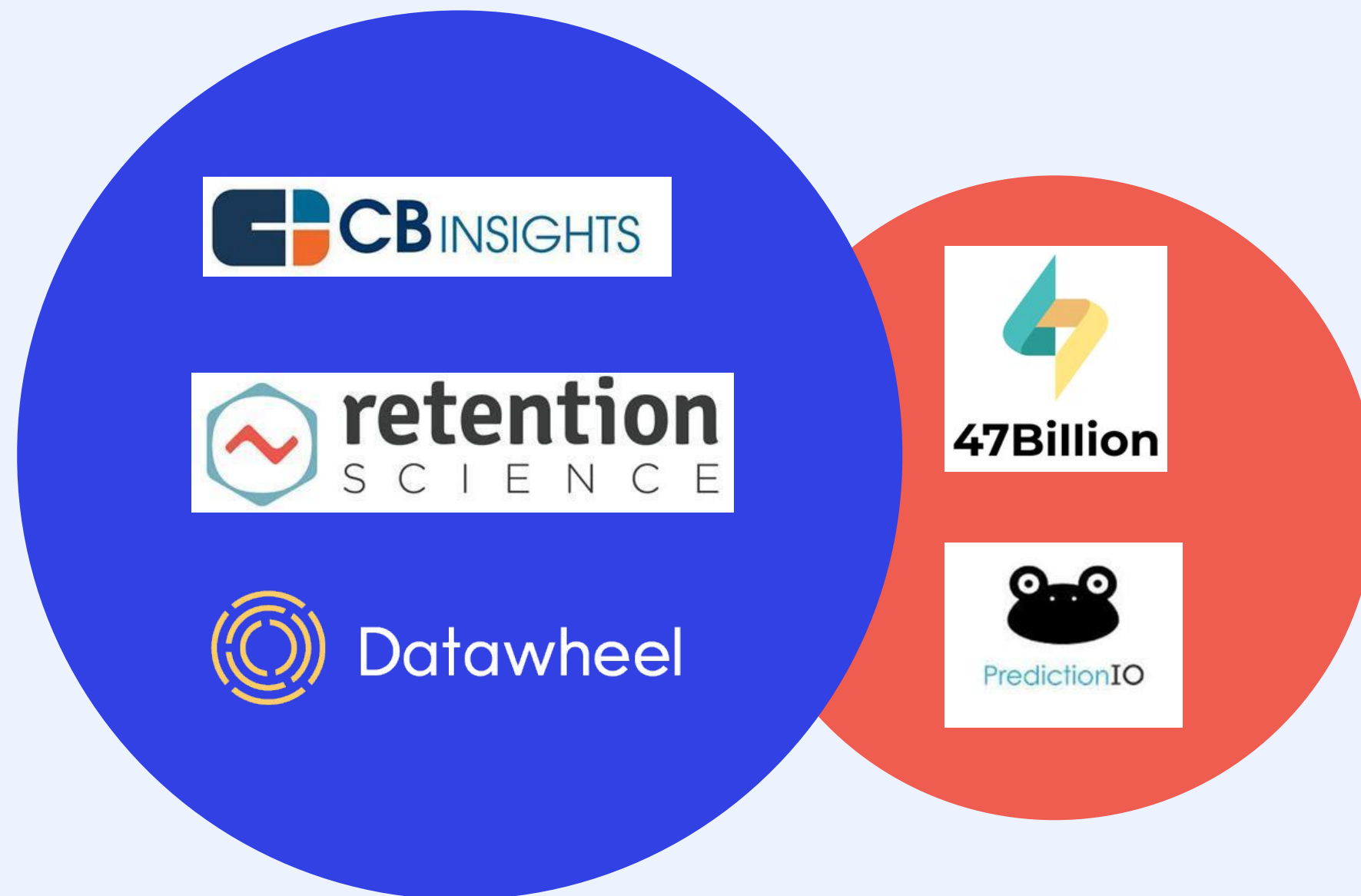
On-demand Services



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



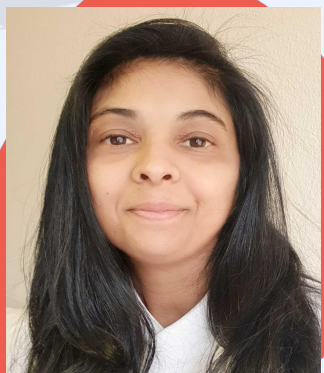
Irfan Mansuri   
Data Analyst & Web Developer



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/mahavir9008/Predictive\\_Algorithim\\_Challnage](https://github.com/mahavir9008/Predictive_Algorithim_Challnage)
- YouTube link :  
<https://www.youtube.com/watch?v=RwUVMNVht2g&feature=youtu.be>
- Oracle link :  
<https://apex.oracle.com/pls/apex/buildwithai/r/us-covid19/us-covid19-report?session=103878657963762>
  - Username : dummy
  - Password : buildwithai123

