

# Microservices Based Collaboration Platform

3+ | Years of relationship

## Business Problems

A global biotechnology corporation wanted to build a **collaboration portal** for all in house data scientists engaged in multiple scientific project

The vision for the platform is to collaborate between data scientists, providers, governments, scientific communities and research communities

Also, expose the research assets which are generated by the organization

## CitiusTech Solution(s) & Value Delivered

- ▶ **Domain driven development** built on microservices architecture
- ▶ A platform that facilitates discussions, insights, and project creation
- ▶ **Collaborate analytical results** and start off from where the analysis was left off
- ▶ Share knowledge in the form of both code and notes
- ▶ A single platform that is capable to create data challenge events at larger scale for quantitative scientists for e.g. Hackathon for solving specific business challenge
- ▶ Increased **AWS utilization** by leveraging AWS managed services like **EKS, Elastic Search ,ECR**
- ▶ Scalable to support increasing user traffic



**2000+**

*data scientists  
utilize the  
platform*

**98% -  
99.5%**

*Improved system  
availability*

**single click  
deployment**

*- matured DevOps  
processes*