

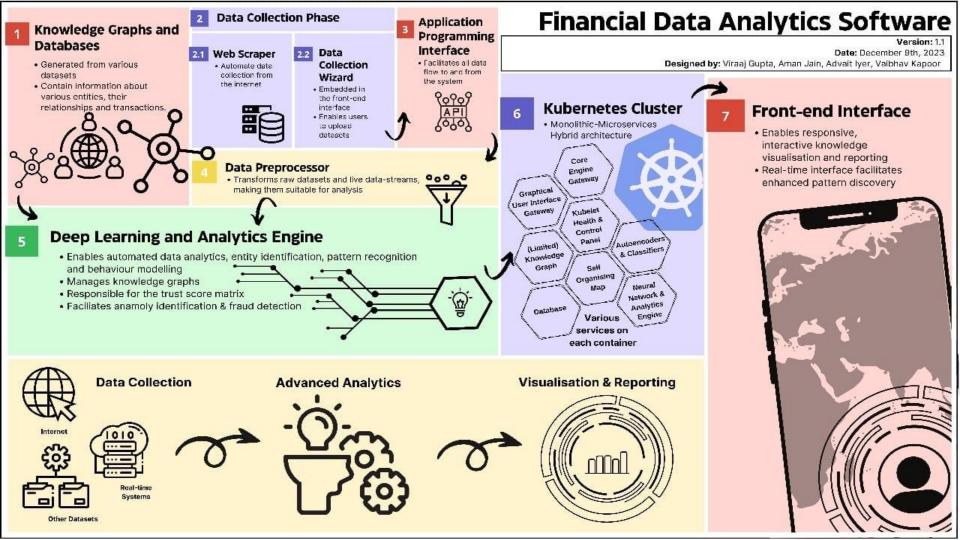
## Yantra Hack'24

def\_innit\_

DATA ANALYSIS SOFTWARE FOR FINANCIAL FRAUD

# ASTRA

AUTONOMOUS SOFTWARE FOR TRANSACTION RESPONSE AND ANALYSIS



### **The Business Model Canvas**

#### **Key Partnerships**

- Collaborations with banks, financial institutions, and industry experts for feedback and validation
- Partnerships with regulatory bodies for staying updated on compliance requirements
- Integration partnerships with other fintech companies for enhancing ASTRA's capabilities



#### Value Propositions

- Real-time fraud detection and prevention
- Customized solutions for specific business needs
- Scalable and efficient transaction processes
- Regulatory compliance assurance

#### **Key Resources**

- Skilled software developers and data scientists for algorithm development
- Sales and marketing team for client acquisition and retention
- Infrastructure for hosting ASTRA's software and handling client data securely

#### **Key Activities**

- Research and development for continuous improvement of ASTRA's fraud detection algorithms
- Customization of ASTRA's solutions according to the needs of different clients
- Marketing and sales efforts to acquire new clients and retain existing ones



#### **Customer Segments**

- Banks
- · Credit rating entities
- · Financial institutions

#### Customer Relationships

- Personalized account management for key clients
- Continuous customer support and troubleshooting
- Feedback mechanisms to incorporate client suggestions for product improvement



#### Channels

- Direct sales team targeting key decision-makers in banks and financial institutions
- Industry conferences and events for networking and lead generation
- Online marketing campaigns targeting relevant industry professionals

#### **Cost Structure**

- · Research and development costs for algorithm enhancement
- · Employee salaries and benefits
- · Infrastructure costs for hosting and maintaining ASTRA's software
- Marketing and sales expenses
- · Compliance and regulatory costs

#### **Revenue Streams**

- Subscription-based model for access to ASTRA's services
- Tiered pricing based on the scale of operations and level of customization required
- Potential additional revenue from consulting services for regulatory compliance and fraud prevention strategies

