

# **20+ Data Science Project Ideas From 5+ Domains**

# **Data Science In Logistic Domain**

- 1. Demand Forecasting**
- 2. Raw Materials Forecasting**
- 3. Damage Detection/ Visual Inspection**
- 4. Dynamic Pricing**
- 5. Chatbots Customer Service Based**

# Data Science In Logistic Domain



[Store Item Demand Forecasting](#)



[Food Demand Forecasting](#)



[Predict Future Sales](#)



[Steel Defect Detection](#)

# **Data Science In Insurance Domain**

- 1. Insurance Fraud Claims**
- 2. Policy Based Recommendation**
- 3. Insurance Price Optimization**
- 4. Insurance Claim Management**
- 5. Risk Assessment**
- 6. Chatbots For Policy Recommendation**



[Prudential Life Insurance Assessment](#)

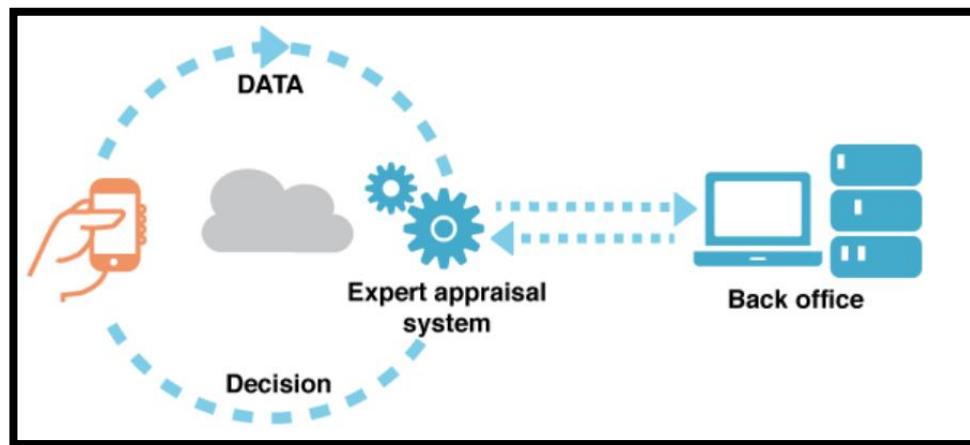
Featured Prediction Competition

## Allstate Purchase Prediction Challenge

Predict a purchased policy based on transaction history

Allstate Insurance · 1,566 teams · 7 years ago

[Allstate Purchase Prediction](#)



[BNP Paribas Cardif Claims Management](#)

# **Data Science In Manufacturing**

- 1. Preventive Maintenance And Fault Prediction**
- 2. Automation In Factory**
- 3. Tracking In And Out Of Vehicles**
- 4. Inventory Management**
- 5. Supply Chain Optimization**
- 6. Vision Use cases(Number Plate Detection etc)**

# Data Science In Manufacturing

Playground Code Competition

**Hash Code Archive - Drone Delivery**

Can you help coordinate the drone delivery supply chain?



Google · 130 teams · 8 months ago

[Hash Code- Drone Delivery](#)

Featured Prediction Competition

**Grupo Bimbo Inventory Demand**

Maximize sales and minimize returns of bakery goods

1,963 teams · 5 years ago

[Grupo Bimbo Inventory Demand](#)

Featured Prediction Competition

**Mercedes-Benz Greener Manufacturing**

Can you cut the time a Mercedes-Benz spends on the test bench?



Daimler · 3,823 teams · 4 years ago

[Mercedes-Benz Greener  
Manufacturing](#)

Featured Prediction Competition

**VSB Power Line Fault Detection**

Can you detect faults in above-ground electrical lines?



Enet Centre, VSB - T.U. of Ostrava · 1,445 teams · 2 years ago

[VSB Power Line Fault Detection](#)

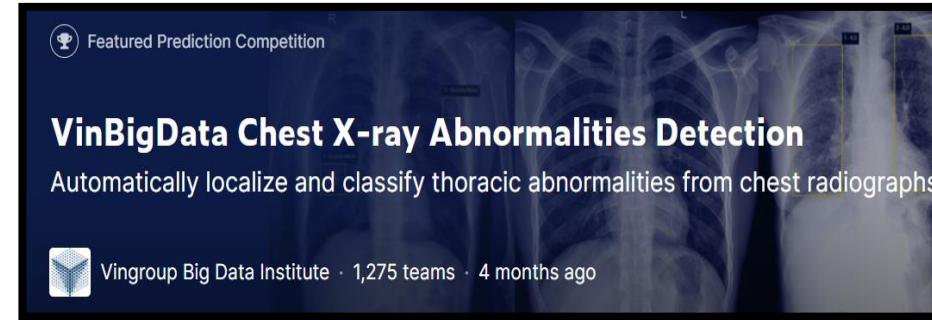
# **Data Science In HealthCare**

- 1. Data Science for Medical Imaging**
- 2. Data Science For Genomics**
- 3. Drug Discovery With Data Science**
- 4. Virtual Assistant For Patient And Customers**
- 5. Monitoring Patient Health**
- 6. Healthcare Predictive Analytics**

# Data Science In HealthCare



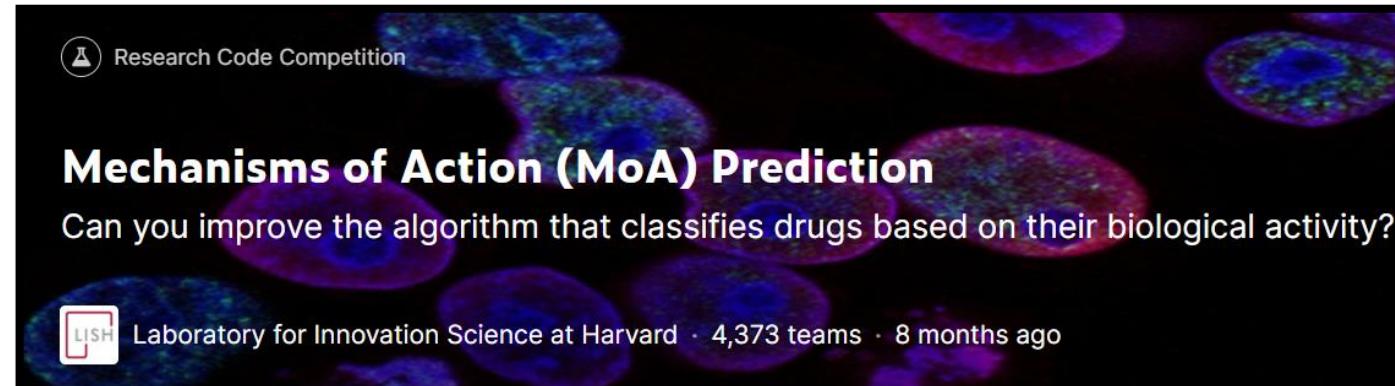
[Brain Tumor Classification](#)



[Chest X-ray Abnormalities Detection](#)



[Hacking the Kidney](#)



[Mechanism Of Action Prediction](#)

# Data Science In HealthCare



[Predict Lung Function Decline](#)

# Data Science In Finance

1. Sales Forecasting
2. Customer Segmentation
3. Personalized Marketing
4. Financial Fraud Detection
5. Algorithmic Trading
6. Healthcare Predictive Analytics
7. Real Time Analytics

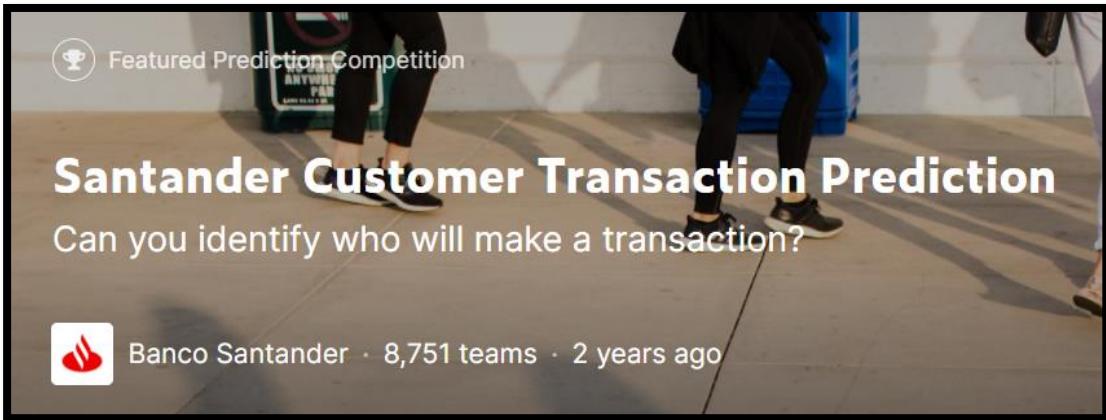
# Data Science In Finance



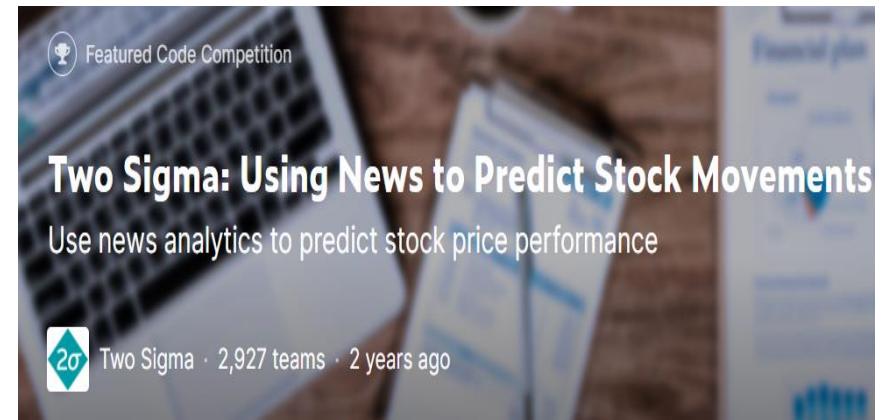
[Optiver Realized Volatility Prediction](#)



[Jane Street Market Prediction](#)



[Santander Customer Transaction Prediction](#)



[Using News to Predict Stock Movements](#)

Thank You :)