CHUBB®

Speaker Session at Megathon'25

11th October'2025

Great Place To Work®
Certified
FEB 2025-FEB 2026
INDIA

Who We Are – Chubb at a Glance

What We Do

Chubb is a world leader in insurance. With operations in 54 countries and territories, Chubb provides commercial and personal property and casualty insurance, personal accident and supplemental health insurance, reinsurance and life insurance to a diverse group of clients.

WHY CHUBB

Chubb at a glance

#1
Commercial lines insurer in the U.S.

#1
Personal lines insurer for high-net worth families in the U.S.

54
Countries and territories where we operate.

> 3 Million
Yearly new claims handled by Chubb globally.

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Where We Are Today

1100 offices worldwide

Listed on the New York Stock Exchange

43000+ employees

Listed 95 on Forbes Global 2000 List & 215 on Fortune 500

200+ insurance products & services

Rated AA for financial strength from S&P and A++ from AM Best

2024 Annual Results

P&C Combined Ratio: 86.6%

Gross Written Premiums: $62 bn

Assets: $246.5 bn

Net Income: $9.272 bn

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Did You Know?
Interesting Facts About Chubb

Titanic
Chubb insured the Titanic's owner, the White Star Line for both the Titanic and its sister ship, the RMS Olympic

Hope Diamond
Chubb insured the Hope Diamond, a famous blue diamond weighing 45+ carats that is now on display at the Smithsonian Institution

Dinosaur Fossil
Chubb insured the fossilized remains of a Tyrannosaurus Rex, nicknamed 'Sue' in 1997, which was later sold at an auction

The Empire State Building
Chubb was one of the insurance companies that provided coverage for the construction of the iconic New York City skyscraper in the 1930s

Race Horse
Chubb insured the thoroughbred racehorse, Cigar in 1996. Cigar was one of the most successful racehorses of all time with 19 consecutive victories

Famous Musician's Guitar
Chubb insured Eric Clapton's Fender Stratocaster Guitar

Olympic Torch
Chubb provided insurance coverage for the Olympic torch used during the 2002 Winter Olympics in Salt Lake City, Utah

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Our History
A Legacy of 230+ Years

1792
Investors meet at Independence Hall in Philadelphia to organize the Insurance Company of North America

1882
Thomas and Percy Chubb set up Chubb & Son in New York City

1967
The Chubb Corporation is formed. That year, Chubb acquires the Pacific Indemnity Companies.

1984
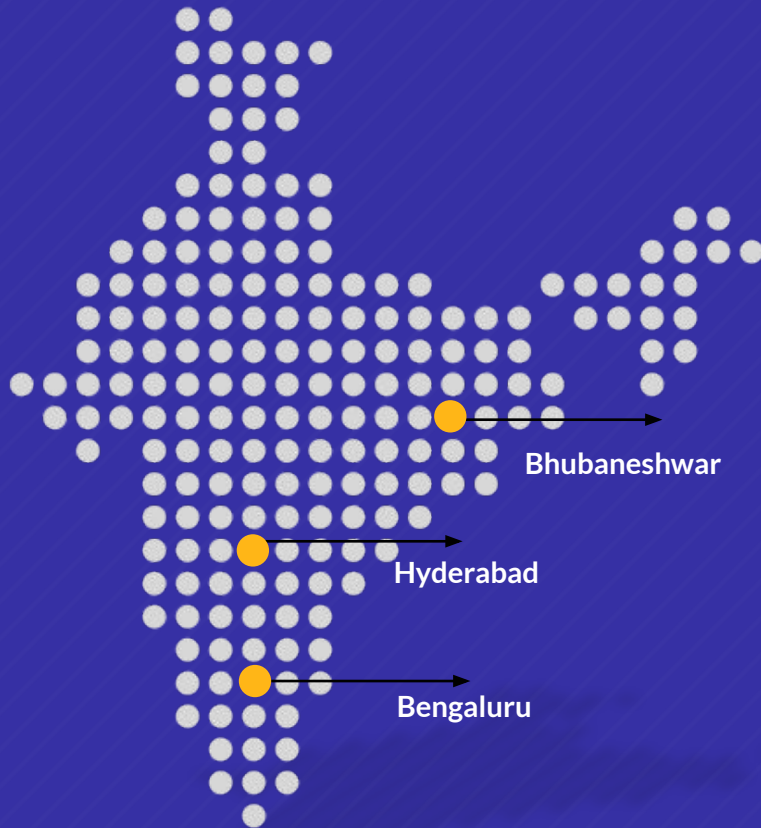Chubb is listed on the New York Stock Exchange

1999
Chubb acquires Cigna P&C, thus entering 50 countries and transforming its business from specialty catastrophic risk to diversified P&C

2016
ACE and Chubb become one and adopt the Chubb name

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Our Presence in India

Bhubaneshwar

Hyderabad

Bengaluru

The **Chubb Engineering Center** in India is part of a global network of CECs driving operational excellence through **engineering, analytics and automation capabilities**

2900+ headcount with a **young work force** that's a mix of Gen Z and Millennials

Global company with a **start-up mind set,** culture of can-do attitude and collaboration

Excellent **referral hiring** of 33% and **diversity hiring** at 33%

When you join Chubb, you will be part of an exciting journey of digital transformation, cutting edge technology, and value creation in the overall Chubb global ecosystem

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Life at Chubb India

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In India, we are 2500+ strong

Hyderabad

Bhubaneswar

Bengaluru

Certified as a Great Place to Work® three years in succession!

Select Recognitions

- **EY GCC Awards 2023:** Best GCC Talent Strategy of the Year Finalist
- **Rising 2024 Tech Summit:** Best Firms for Diversity & Inclusion
- **3AI ACME Awards 2023:** Top GCCs to Work for in AI & Analytics

- **3AI's GenAI Max Conclave:** Inspiring Leaders in AI and Analytics Awards
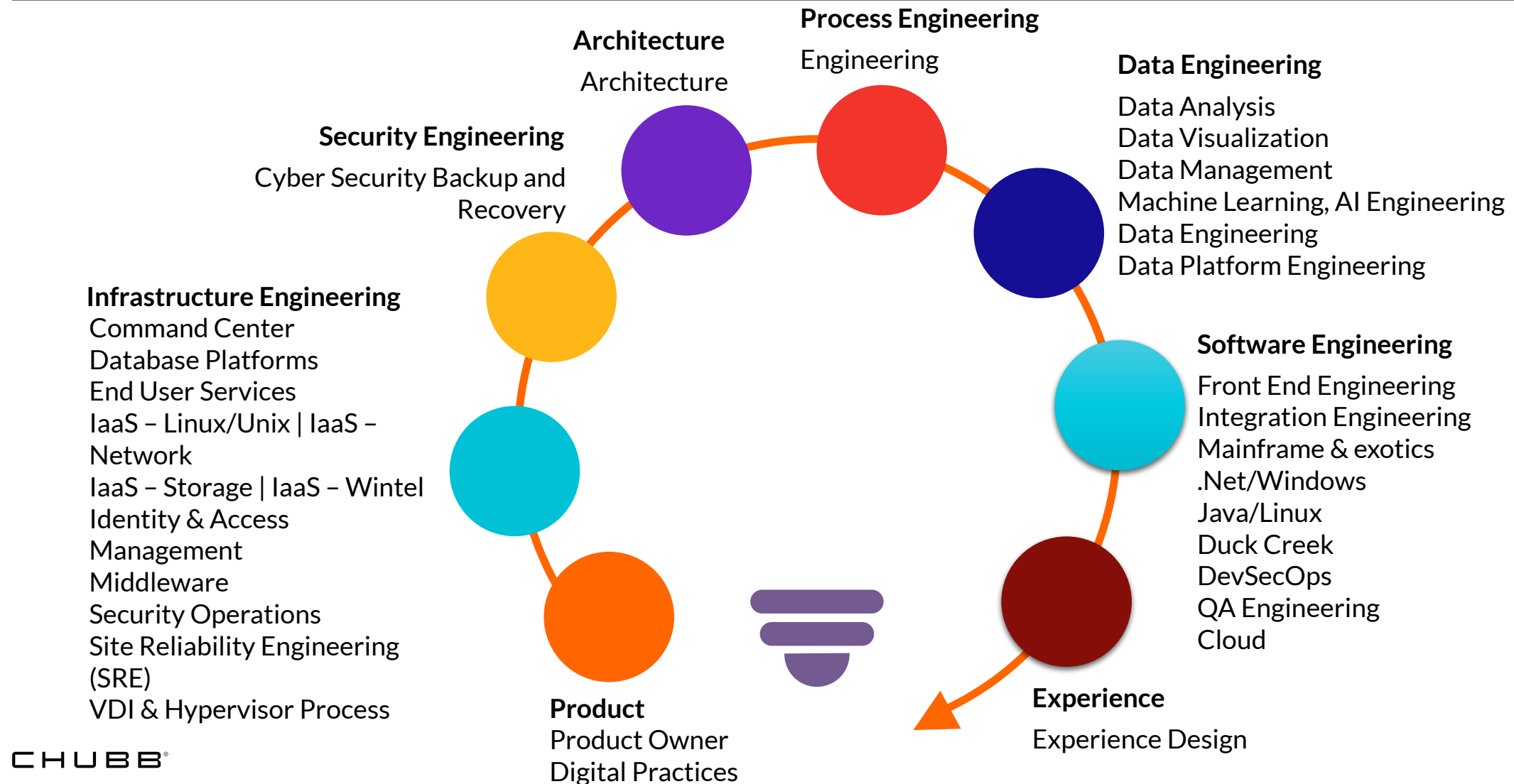- **HYSEA:** Outstanding contributions and volunteering appreciation award

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Let's Play !!

MEGATHON QUIZ

Join at
slido.com
#4640 565

Tech Tapestry: Unraveling the Stacks Powering Chubb

Process Engineering

Engineering

Architecture

Architecture

Data Engineering

Data Analysis
Data Visualization
Data Management
Machine Learning, AI Engineering
Data Engineering
Data Platform Engineering

Security Engineering

Cyber Security Backup and Recovery

Infrastructure Engineering
Command Center
Database Platforms
End User Services
IaaS – Linux/Unix | IaaS – Network
IaaS – Storage | IaaS – Wintel
Identity & Access Management
Middleware
Security Operations
Site Reliability Engineering (SRE)
VDI & Hypervisor Process

Software Engineering

Front End Engineering
Integration Engineering
Mainframe & exotics
.Net/Windows
Java/Linux
Duck Creek
DevSecOps
QA Engineering
Cloud

Product
Product Owner
Digital Practices

Experience

Experience Design

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The Role of Technology in Insurance

- Let's explore how technology is transforming the insurance industry!

- Check out the articles below:

01 Trends in tech shaping the future of insurance

02 Chubb Studio®: Technology to power our partnerships

Chubb is harnessing the power of AI and data analytics to speed up claims processing and pinpoint risks with precision. For example, our cutting-edge digital tools can analyze real-time weather data to evaluate a homeowner's flood risk.

Have a peek into our Global Head, Chubb Engineering Centers,
Rohin Govindarajan's passion for AI and technology in his social media posts

CASE STUDY
How we built a best-in-class digital experience with DBS

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Chubb in News !!

🤝 [Chubb and Australian Open strengthen ties with expanded partnership](#)

🐕 [Healthy Paws Partners with PetSmart to Bring Insurance where Pet Parents Shop](#)

🏢 [Chubb to Acquire Liberty Mutual's P&C Insurance Businesses in Thailand and Vietnam](#)

$ [CHUBB RENEWS AS OFFICIAL INSURANCE SPONSOR OF THE US OPEN WITH MULTI-YEAR AGREEMENT](#)

✈ [Chubb to Acquire General Aviation Insurance Specialist in Australia](#)

🐾 [Chubb to Acquire Healthy Paws, a Leading Pet Insurance Provider](#)

🌐 https://news.chubb.com/2024-01-23-StreamLabs-Expands-Product-Suite-with-Scout,-a-New-Smart-Water-Sensor

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Can you explain the scene here?

Hackathon Problem Statement: 1
AI-Powered Multimodal Claims Assessment & Fraud Intelligence System

Context/Background: Modern insurance claim workflows face two major challenges: Subjective visual assessment of damages — leading to inconsistency in severity and cost estimation and rising fraud sophistication — image reuse, tampering, or mismatched claim narratives.
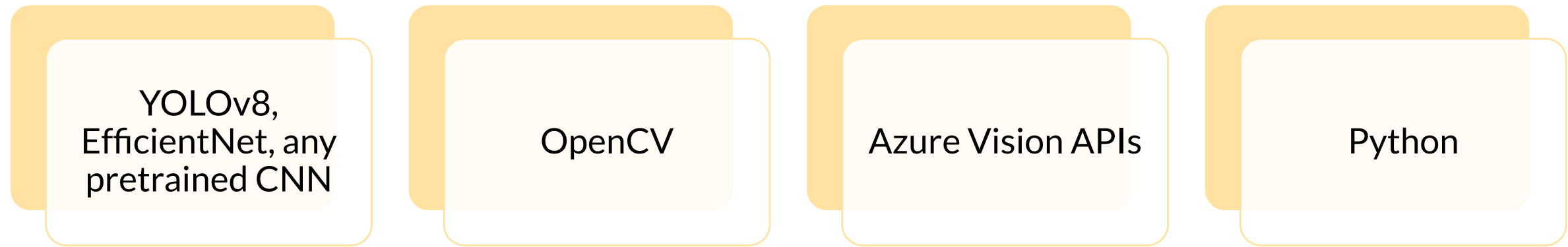
The Challenge:
To design an AI system that can "think like an assessor", combining image understanding, contextual reasoning, and basic fraud intelligence — all without access to private insurer data.

Understanding the Problem and Scope

Use Cases: Participants are expected to build an AI powered prototype by keeping in mind -
Image damage detection + severity + cost band

Recommended Tools/Technologies but not limited to

YOLOv8, EfficientNet, any pretrained CNN	OpenCV	Azure Vision APIs	Python

Guidelines

Data and Resources: Use publicly available datasets like:

   – Kaggle: Car Damage Detection & Severity Dataset (https://www.kaggle.com/datasets/anujms/car-damage-detection)

   – Part Identification: CompCars [http://mmlab.ie.cuhk.edu.hk/datasets/comp_cars/]

   – Image Tampering: CASIA2 Image Tampering Dataset [https://www.kaggle.com/datasets/sophatvathana/casia-dataset]

   – Optional Text Claims: Participants can generate synthetic text inputs (e.g., "front left fender damaged").

Technical and Implementation Details

• Technology Constraints: No internal or proprietary data may be used. Teams can use any public datasets, pretrained models, or open APIs

• Focus on conceptual completeness, not production-grade accuracy.

• Create Modular design with separate components for vision, text, and fraud detection.

Explainability:

• Encourage Grad-CAM / saliency maps ("why this region contributed to prediction.")

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Guidelines contd…

Output	Damage type & severity
	Fraud confidence score
	Final Claim Confidence Score (aggregated)
	Deployment: Local/Colab/AWS/GCP free tier acceptable.
Edge Cases to Test	Blurry or shadowed images.
	Multiple damage areas.
	Same image reused with different text claims.
	AI-generated or altered images.

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Expectations and Deliverables

Format	• Both a working prototype (minimum: web app or notebook demo) + a short presentation (pitch deck).
Prototype Deliverable	• Web app (Streamlit/Gradio/Flask) where user uploads an image and outputs severity level, possible damage type, cost band. • API endpoint or notebook for backend logic.
Minimum Deliverable	• Standalone Jupyter Notebook with inference pipeline using public images.
Turnaround Expectation	• Should be able to return a result within seconds per image.
Accuracy Expectation	• Not benchmarked to production – instead: proof of concept accuracy >70% for classification tasks is acceptable.

Evaluation Criteria

Key criteria:

• Innovation & Creativity – how novel is the approach?

• Technical Implementation – how well is AI/ML applied (model choice, training, reasoning)?

• Accuracy & Reliability – correctness of severity classification, detection of tampering, cost estimation approach.

• Usability & Explainability – clear UI, ability to explain predictions (not just "black box").

• Scalability & Realism – can the solution scale, and would it make sense in real-world claims?

Judging Rubric:

• Innovation and System Design (20%)

• Technical Depth (25%)

• Accuracy and Robustness (25%)

• Usability and Explainability (15%)

• Presentation and Impact (15%)

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Let's Play !!

Megathon 25 Quiz: AI-Powered Multimodal Claims Assessment & Fraud Intelligence System

Join at
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#2730 342

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Hackathon Problem Statement:2
AI Powered Churn Reasoning and Retention Insights for Auto Insurance

Context/Background: Customer churn is a major challenge for auto insurance companies, leading to significant revenue loss and high acquisition costs. By leveraging historical data such as demographics, income, location, policy tenure, and credit behaviour, machine learning models can identify customers likely to discontinue their policies. Explainable AI (XAI) provides the reasoning behind model outputs, enabling targeted, data-driven retention strategies.
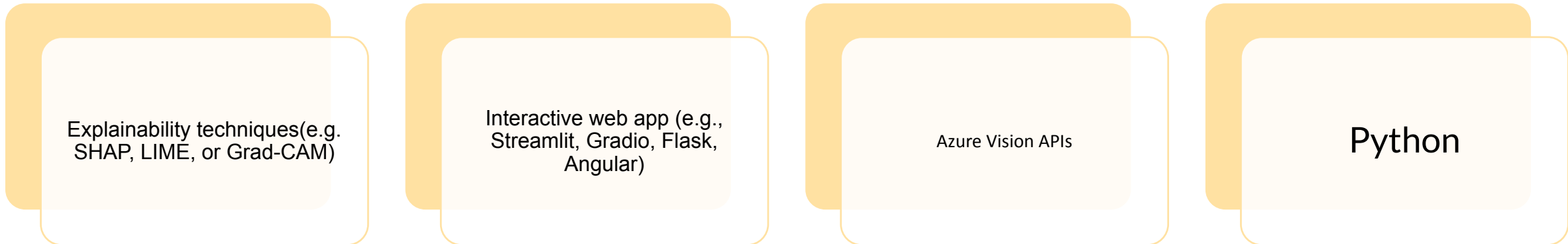
The Challenge:
Develop a model that analyses historical customer, demographic, and policy data to predict the likelihood of churn, using explainability techniques such as SHAP, LIME, or Grad-CAM to highlight which factors most influenced each prediction. Design an interactive dashboard showing customer churn probabilities, reasons for churn, and regional trends that allows non-technical users to explore predictions and insights.

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Understanding the Problem and Scope

Use Cases: Participants are expected to build a prototype that can:
- analyses historical customer, demographic, and policy data to predict the likelihood of churn.
- output a churn probability score for each customer, helping identify high-risk individuals before they leave.
- Develop an interactive dashboard showing customer churn probabilities, reasons for churn, and regional trends that allows non-technical users to explore predictions and insights.

Recommended Tools/Technologies but not limited to

Explainability techniques(e.g. SHAP, LIME, or Grad-CAM)	Interactive web app (e.g., Streamlit, Gradio, Flask, Angular)	Azure Vision APIs	Python

Guidelines

Dataset: Use publicly available datasets such as:

- No internal company data will be shared.

- Kaggle: <u>Auto Insurance churn analysis dataset</u>

- Participants may use publicly available pretrained models or libraries for explainability and visualization.

Technical and Implementation Details

- Train an ML model to compute a churn risk score for each customer.

- Ensure the solution is broken into distinct components (e.g., prediction, explainability, UI).

- Add simple explainability (e.g., feature importance, SHAP, or reason codes).

- The solution should handle large datasets efficiently.

- Ensure model inference runs within seconds.

Explainability:

- Encourage the use of SHAP/LIME to explain pricing decisions and highlight which behavioural factors most influenced the premium

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Guidelines contd…

Output	A working prototype (web app, API, or notebook demo).
	A model should output a churn probability score for each customer, helping identify high-risk individuals before they leave.
	An interactive dashboard showing customer churn probabilities, reasons for churn, and regional trends that allows non-technical users to explore predictions and insights.
Edge Cases to Test	Handling noisy, incomplete, or imbalanced data.
	Addressing edge cases, such as customers with very short or very long policy tenures.
	Ensure explanation exists even when model abstains or confidence low and works consistently across diverse customer profiles.

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Expectations and Deliverables

Format	• Both a working prototype (minimum: web app or notebook demo) + a short presentation (pitch deck).
Prototype Deliverable	• Web app (e.g., Streamlit/Gradio/Flask)
Minimum Deliverable	• Standalone Jupyter Notebook with inference pipeline using public or synthetic data
Turnaround Expectation	• The system should return results within seconds per customer record
Accuracy Expectation	• Not benchmarked to production – instead: proof of concept accuracy >70% for classification tasks is acceptable.

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Evaluation Criteria

Key criteria:

• Innovation & Creativity – how novel is the approach?

• Technical Implementation – how well is AI/ML applied (model choice, training, reasoning)?

• Accuracy & Reliability – correctness of risk scoring, premium recommendations, and handling of edge cases.

• Usability & Explainability – clear UI, ability to explain predictions (not just "black box").

• Scalability & Realism – can the solution scale, and would it make sense in real-world claims?

Judging Rubric:

• Innovation and Explainability (30%)

• Technical Approach (25%)

• Accuracy and Robustness (20%)

• User Experience (15%)

• Presentation and Impact(15%)

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Let's Play !!

Megathon 25 Quiz: AI Powered Churn Reasoning and Retention Insights for Auto Insurance

Join at
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Let's hack!

Q&A

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