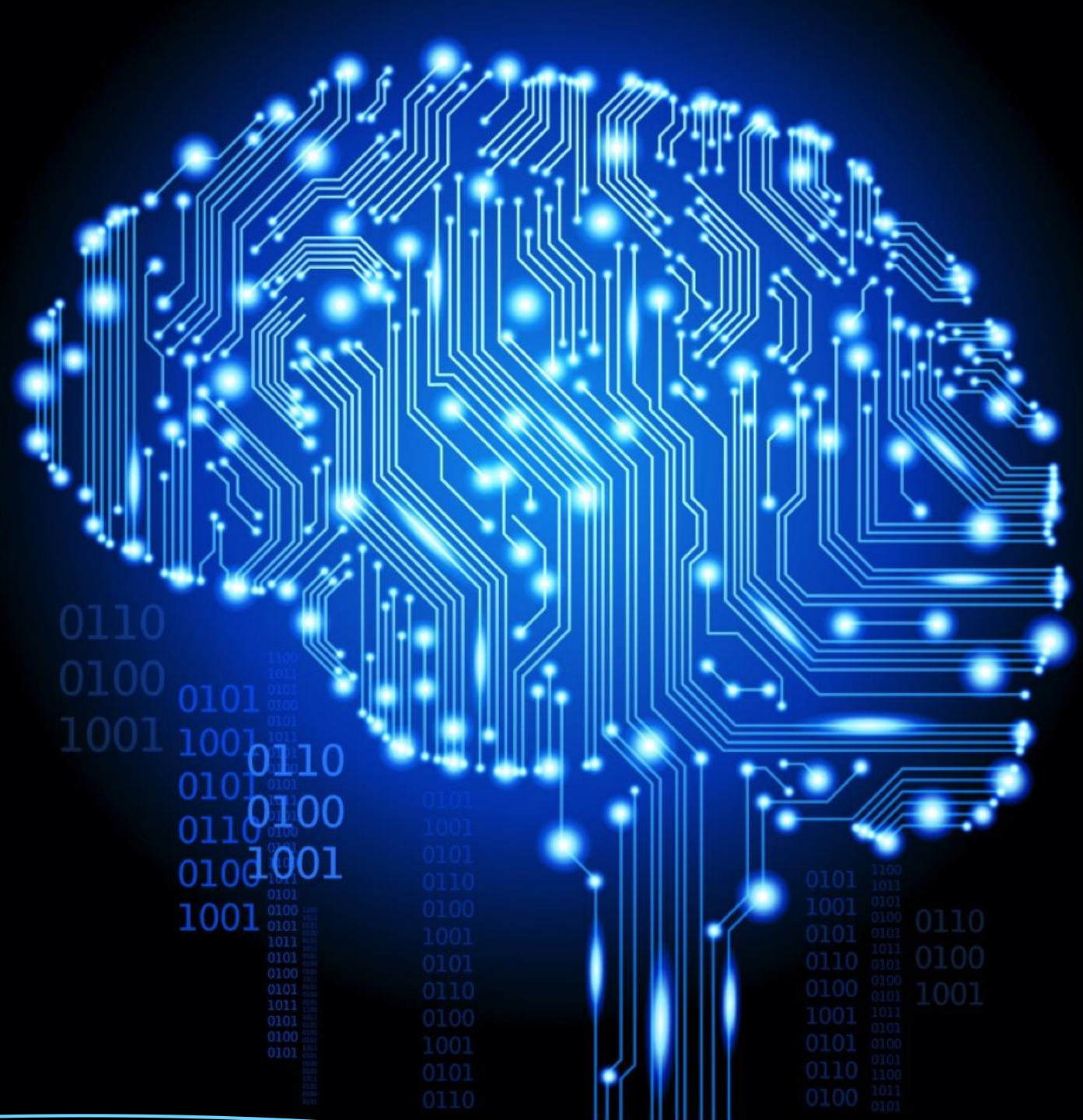
PedictHERS
#ReWRITE



Mounika Gandavarapu
Radhika Bhati
Jayashree Subramanian
Meghna Prabhu
Athira Nam
Vipanchi Chacham

“Innovation is creation of new and rearranging of old in a new way”

Automated Underwriting

Simplifying the form filling process in underwriting and recommending the desired insurance products based on company profile.

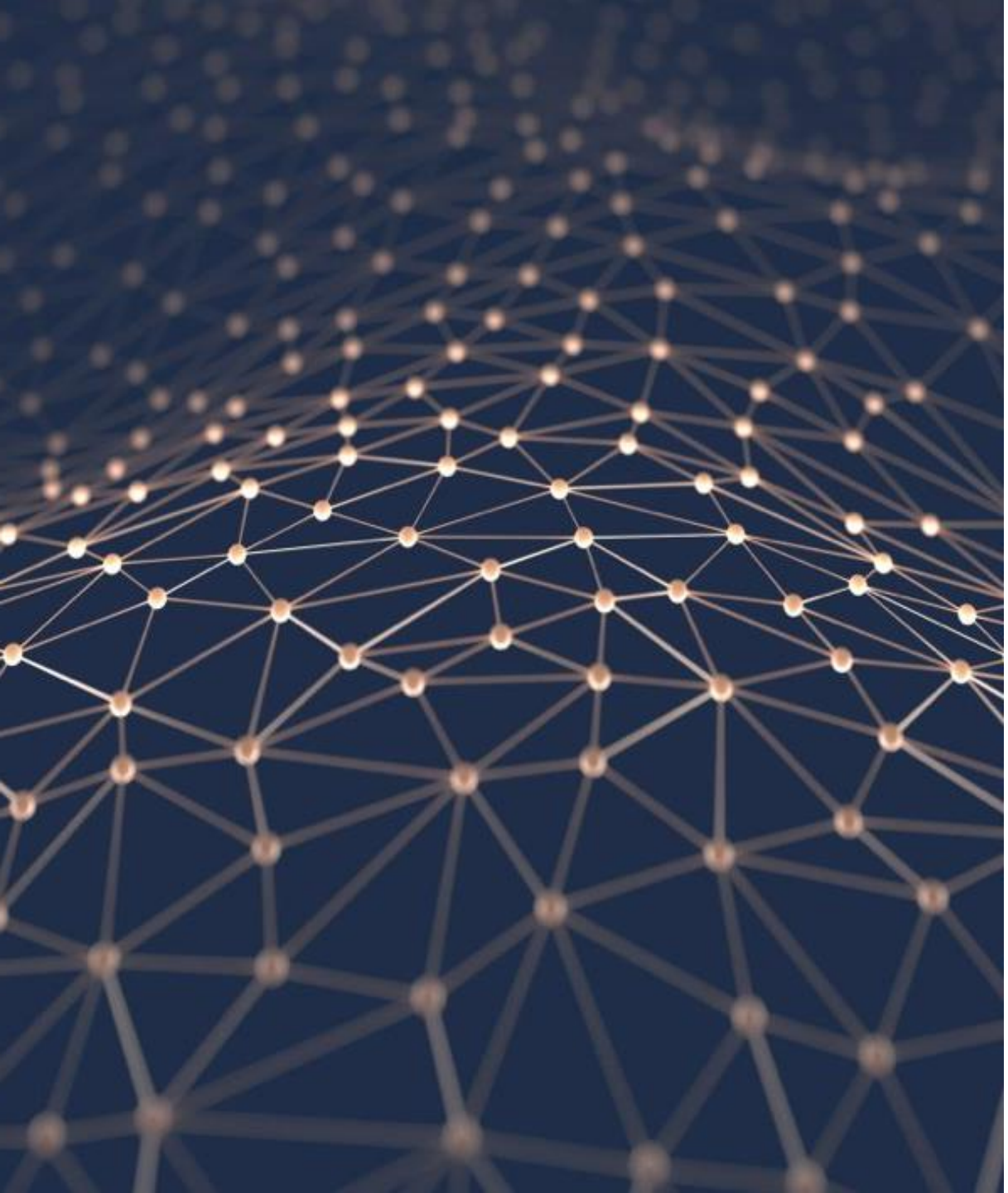
Google Assistant

Business Value-Add

- Increasing number of clients per agent
- Reduces the time
- Improves efficiency
- Eases the time-consuming process

Technologies Used

- Chatbot AI
- NLP
- Google Home
- Conversational UI



Predictive Modelling

A predictive machine learning model is built from the sensor data for alerting the customers with a warning SMS message and an email.

Business Value-Add

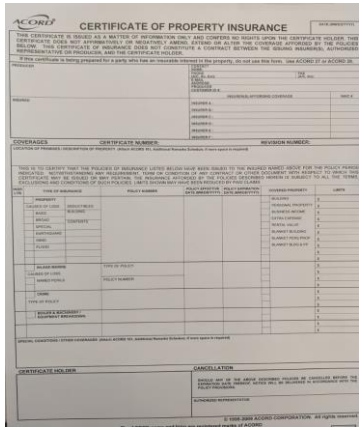
- Dynamic
- Automated
- Predicts a hazard in prior and alerts the customers
- Usage based Insurance (Pay-per-use)

Technologies Used

- Python 3.0
- Machine Learning
- IoT (Sensor Data)
- SMS/E-mail

Proposed Methodology

Marsh Insurance Form



IoT Sensors

Data Analysis

Business Model

Predict-hers - Benefits

- No need to spend all the insurance money on companies
- Additionally paid for sensor-prediction model
- Builds trust and retains companies from withdrawing

Client - Benefits

- Needn’t claim entire insurance
- Saves property from destruction
- Premium reduces if not used every year

Future Work

- Extending it to all types of Hazards in all sectors
- Automating end-to-end Underwriting process
- Try with advanced Machine learning algorithms like Neural network, CNN, etc.
- Expanding to different areas