

Achieving Strategic Objectives through Machine Learning: Insights and Applications

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Our speakers





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Categories of Al Today, Theoretical and Future



ANI

Artificial Narrow Intelligence



General Intelligence

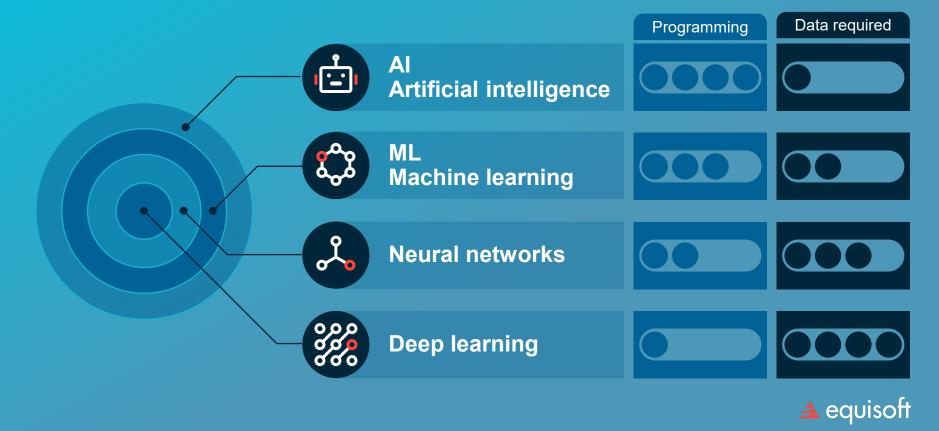


Superintelligence





While We All Get Exited by Al It is ML That We Are Really After!



The Game Changer: Generative Al

Deep learning

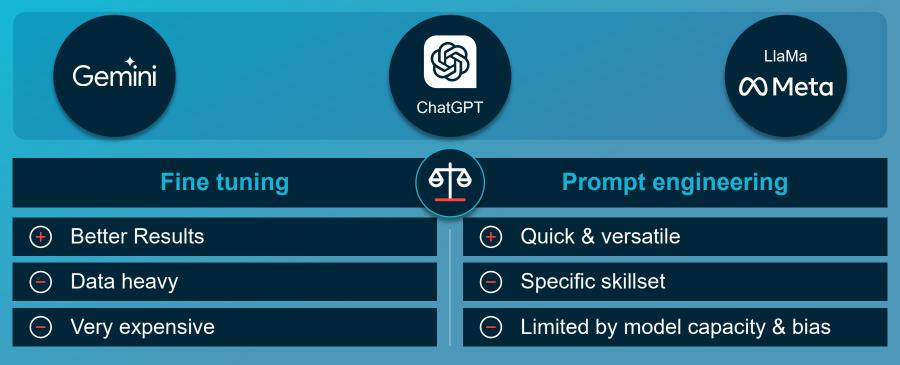


Generating new content based on historical data and prompts





The Game Changer: Generative Al









Fine tuning \$\$\$





The Commoditization of Generative AI

- Open-source
- ▶ LPU vs GPU
- Adapted to devices (resource constraints)

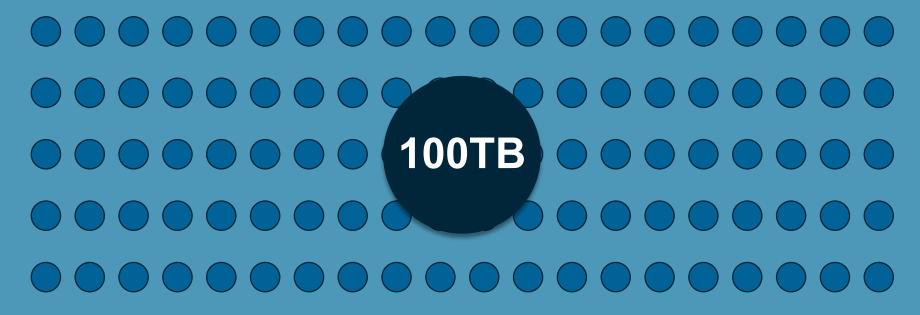


The Commoditization of Generative AI

This trend marks a significant shift in how businesses and developers can leverage Al

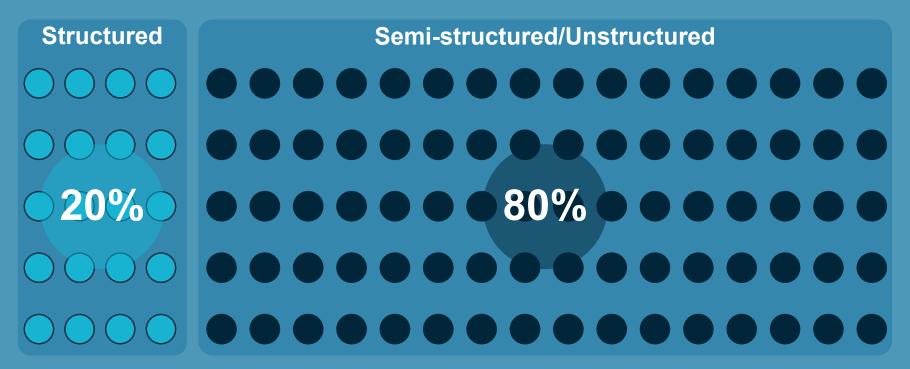


Typical Size of Information in an Insurance Company



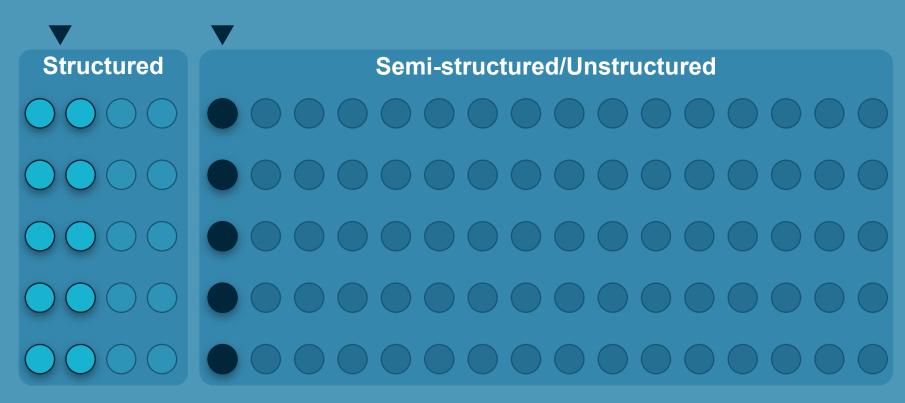


Structured, Semi-structured and Unstructured Data



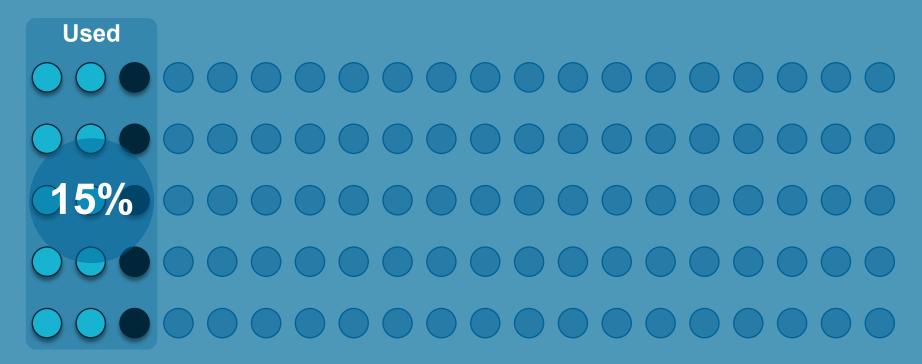


Only 50% of Structured and 5-10% of Unstructured Data is Used





Overall, only 15% of Data is Used in Insurance Companies











Al Improving Insights and Oversight

Everyone is Already Doing Traditional Analytics

Traditional

Descriptive

Risk & Pricing

Compliance

Forecasting & Reserving

Customer Segmentation

Predictive

Fraud Detection

Claim Prediction



Generative AI for Advanced Analytics

Advanced

Descriptive

Risk & Pricing

Compliance

Forecasting & Reserving

Dynamic Customer Segmentation

Trends & New Insights

Predictive

Advanced Fraud Detection

Enhanced Claims Prediction

Customer
Behaviour Prediction

Prescriptive

Personalized Retention Strategies





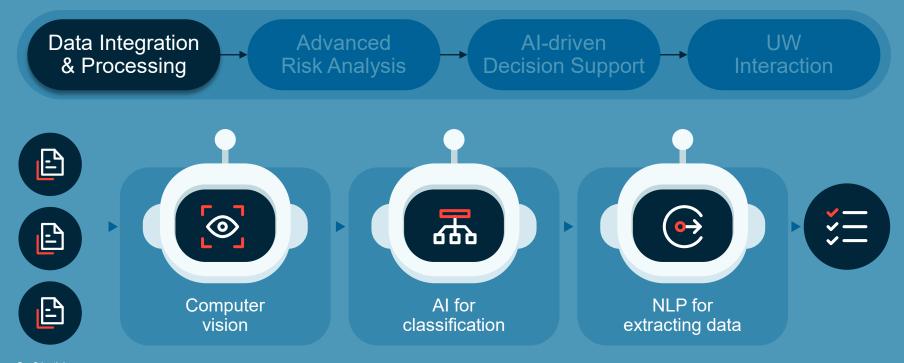
Al Assisting & Accelerating Decision Making



How Al can help:

- Reduce churn during new business process
- ► Reduce cost of acquisition
- Improve accruacy and reduce human error

Data Integration & Advanced & Al-driven UW Risk Analysis Decision Support Interaction



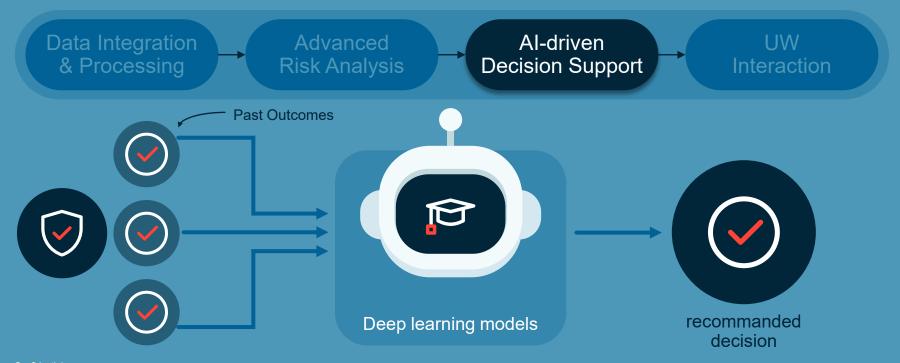
Confidential



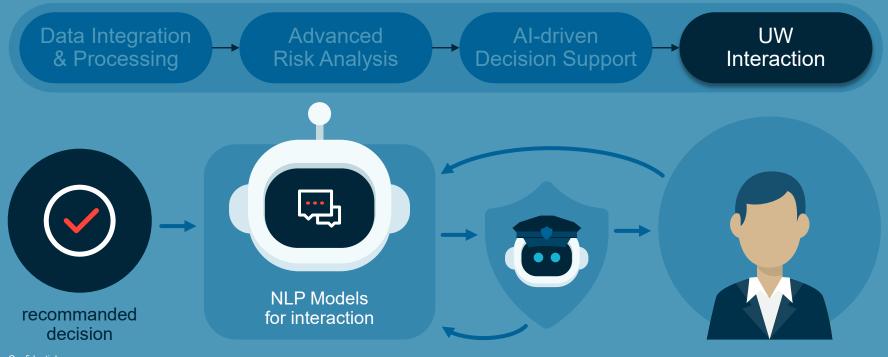
Confidential



Confidential



Confidential



Confidential



Data Integration & Processing

Advanced Risk Analysis

Al-driven Decision Support

UW Interaction



vision



Al for classification



NLP for extracting data



Risk analysis models



Deep learning models



NLP Models for interaction



Compliance

- Bias
- Regulations



Customer Support

Inquiry Classification Data Retrival Formulation & Automation







vision







- Compliance
- Bias
- Regulations
- Hallucinations





What to Look After Today

- Prioritize Strategic Al Implementation
- Invest in Data Infrastructure
- Foster a Culture of Innovation and Adaptability
- Collaborate and Partner



Future of Al Insurance





C – General Paper

O - Chemistry

X – Biology

X – Math



CERTIFYING STATEMENT

General Certificate of Education

THIS DOCUMENT REPRESENTS AN OFFICIAL COPY OF GRADES ISSUED

This certifies that in the June 1997 examination series

LESLIE G LEE FOOK

Date of Birth: 13 November 1977

of ST MARY'S COLLEGE PORT OF SPAIN

was awarded the following grade(s) in the syllabus(es) shown:

Syllabus	Level	Grade
General Paper	Alternative Ordinary Level	C(c)
Chemistry	Advanced Level	O(o)
Biology	No Result	X(x)
Mathemathics	No Result	X(x)

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AutoML

2017

▶ 43rd Best Data Scientist

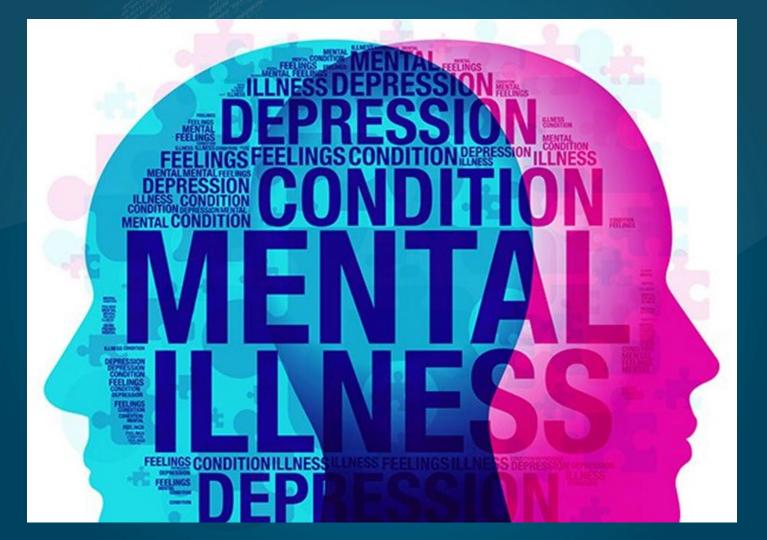
Clicked One Button

Data Scientist Training









I Had Three Choices



1. Get Rid of Everyone



2. Beat Everyone into Submission



3. Find Better Ways to Work



Process Will Set You Free





Typical Knowledge Worker



- ▶ 8 hours\day
- ► 5-8 task\day
- ▶ 1 hour\task
- ▶ 9,600\task\year









Takeaway #1

Al is NOT Complicated



Takeaway #2

Al Won't replace
You
The People
The Use Al Will



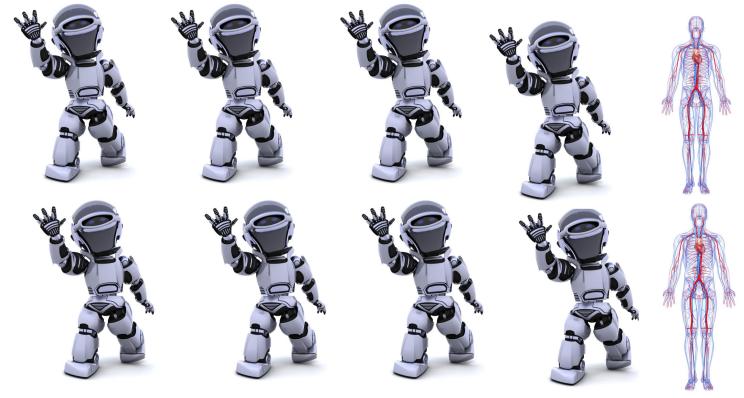
Takeaway #3

HyperAutomation is the Future

Job Loss



Workforce of the Future



The One Person Billion Dollar Company





Bonus



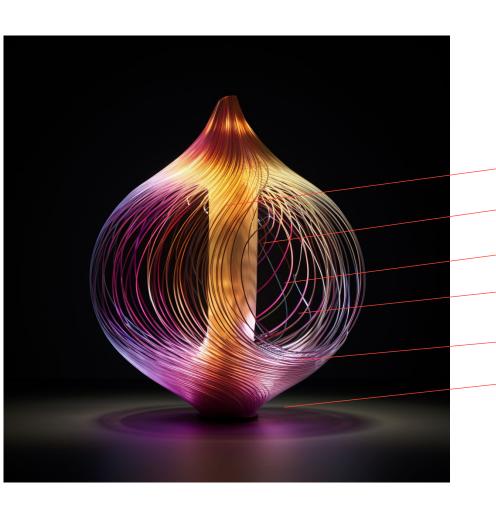












Consciousness



