



GLOBAL INSTITUTE FOR
DIGITAL COMPETITIVENESS

GLOBAL AI
WEEK



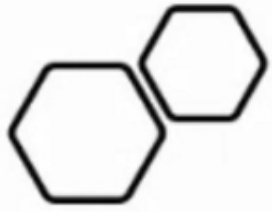
Deepika Sandeep

Director AI/ML
at Honeywell

Honeywell



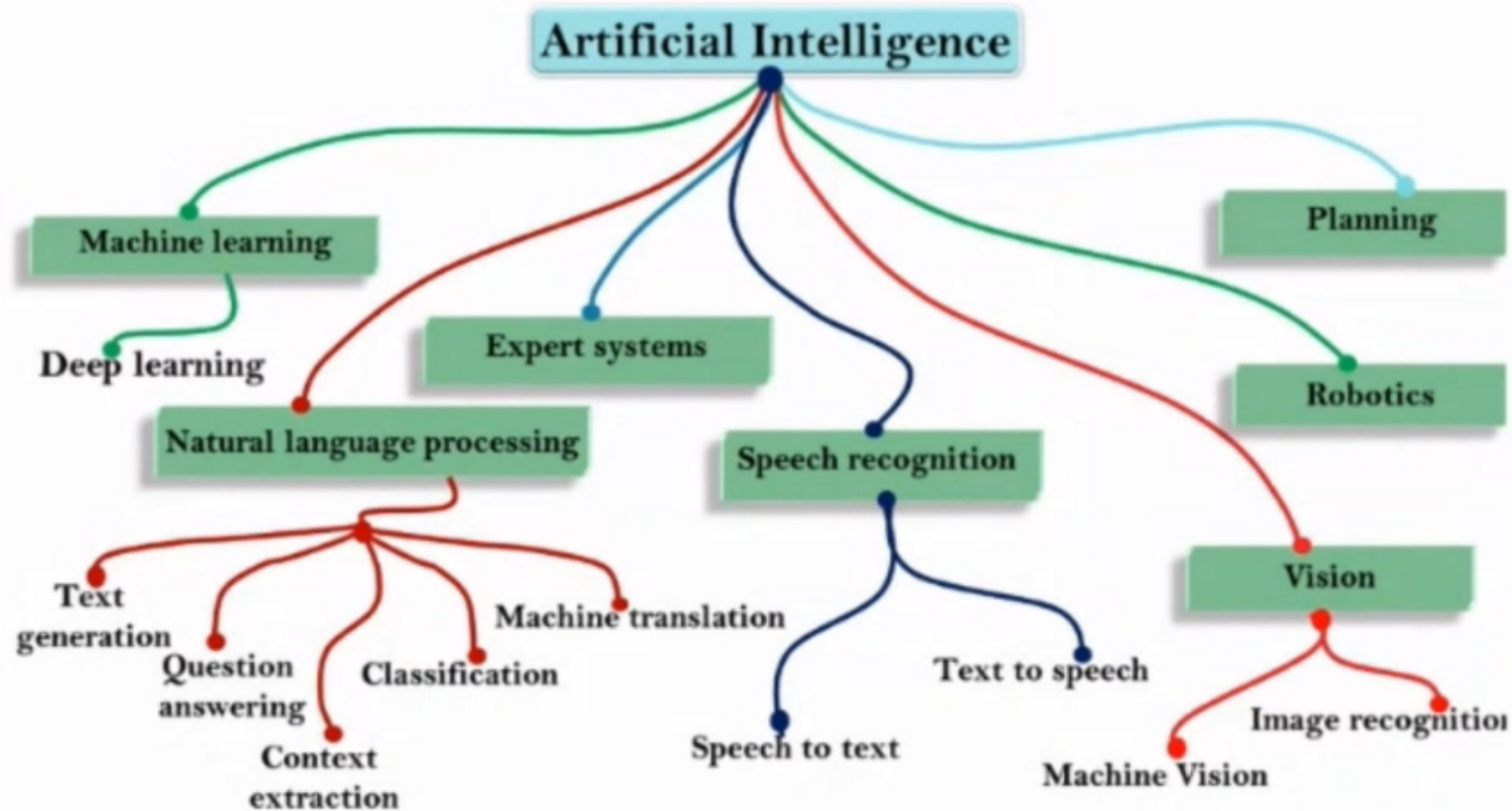
www.gidcomp.org



STRATEGIES FOR AI ADOPTION AT SCALE

Deepika Sandeep

AI IS NOW MAINSTREAM



- Voice assistants
- Surveillance through video footage
- Machine learning on IoT data for remote operations
- Robots for automation

CHALLENGES – DATA QUALITY



OPERATIONALIZING AI AT SCALE - WHAT DOES IT TAKE?



CRISP- DM framework

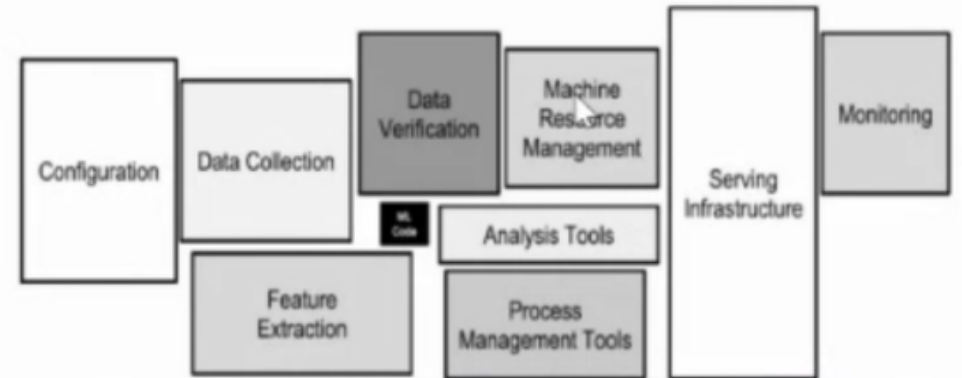


Figure 1: Only a small fraction of real-world ML systems is composed of the ML code, as shown by the small black box in the middle. The required surrounding infrastructure is vast and complex.

Datasources

- Databases
- Legacy Systems
- SaaS Apps
- Applications
- Web Services
- Files

Data Loaders



Data Lake



Raw Data



Trusted Data



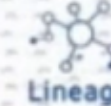
Service Data



Catalog



Discovery

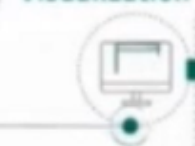


Lineage

Data Sharing



Data Visualization



M.L. Development



Add-ons



Insights Stores



A.I. Store



AMALGAMATION OF SKILLSETS FOR SUCCESS AND VALUE FROM DATA

Data Scientist



uses statistics and machine learning to make predictions and answer key business questions

Skills - Math, Programming, Statistics



Tech - SQL, Python, R, Cloud

Data Engineer



build and optimize the systems that allow data scientists and analysts to perform their work

Skills - Programming, BigData & Cloud



Tech - SQL, Python, Cloud, Distributed Computing

Data Analyst



deliver value by taking data, communicating the results to help make business decisions

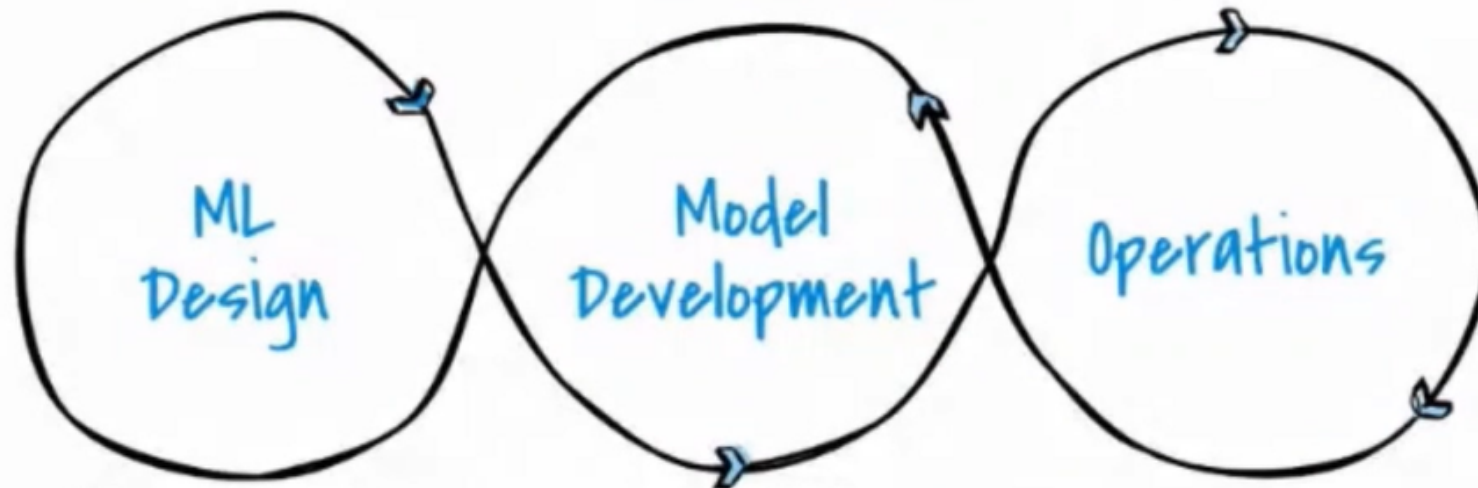
Skills - Communication, Business Knowledge



Tech - SQL, Excel, Tableau

MLOps

Machine Learning Operations (MLOps)

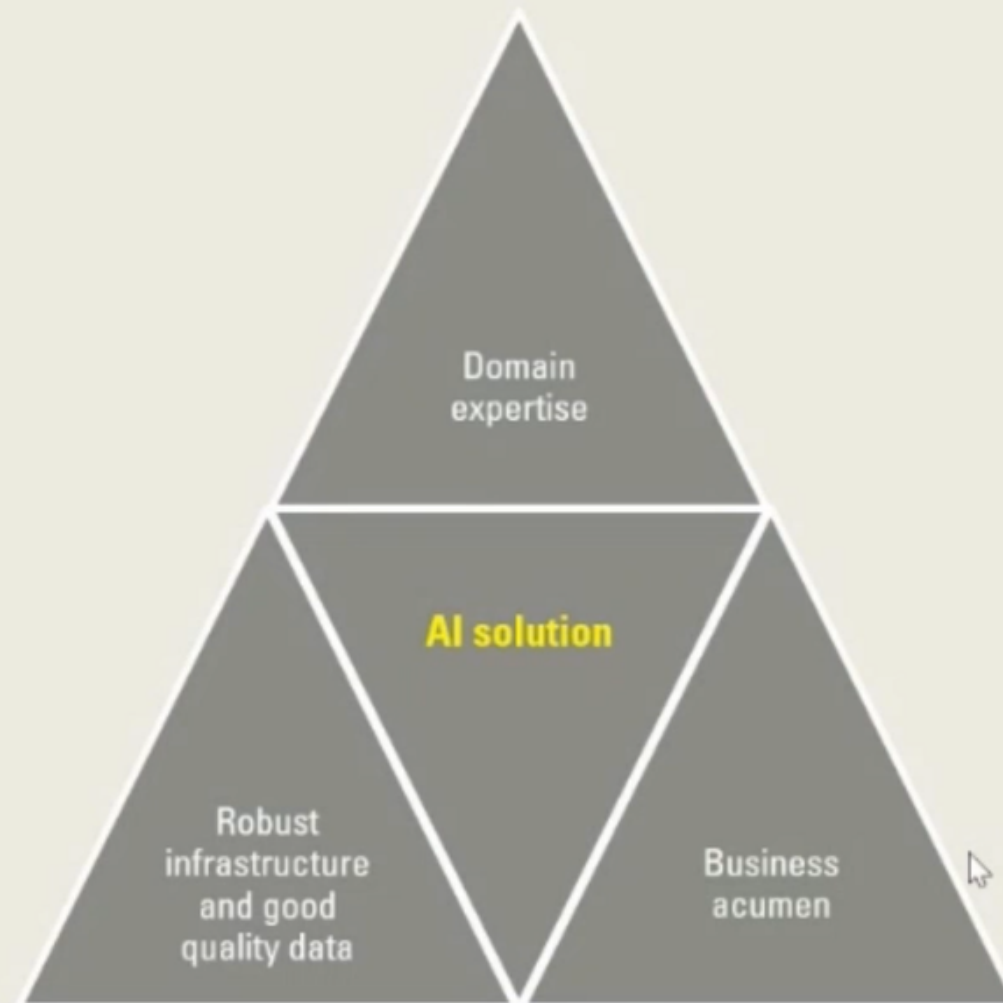


- Gather requirements
- Prioritize ML use cases
- Business understanding
- Data Acquisition

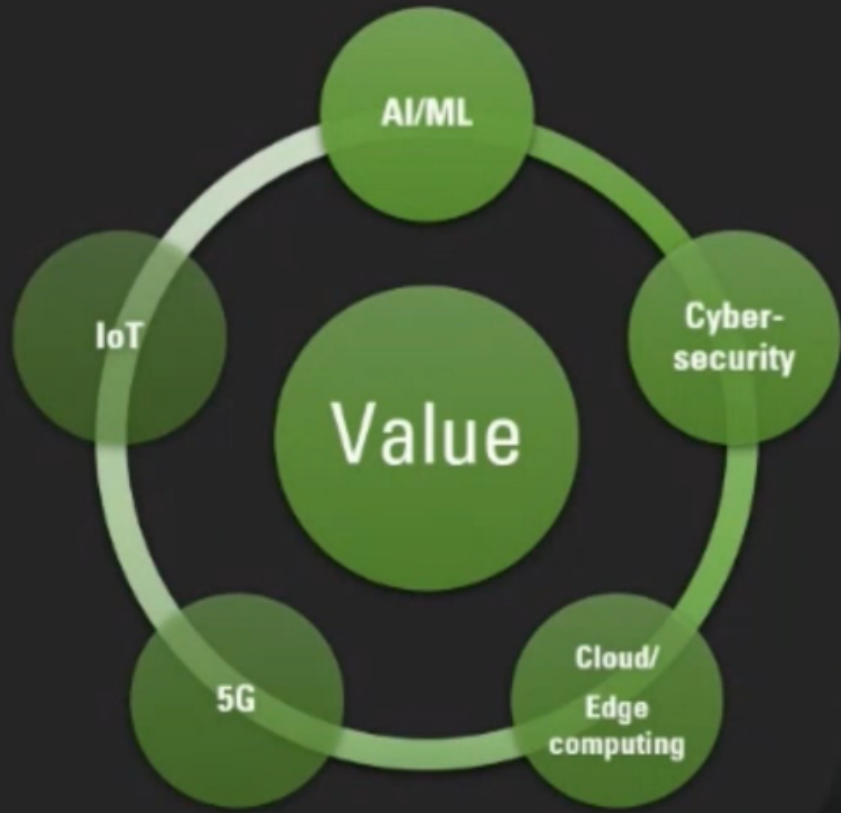
- Data prep & processing
- Feature Engineering
- Model training / experimentation
- Model analysis & evaluation

- ML Model Deployment
- CI/CD Pipelines
- Model Monitoring & Triggering

AI IS NOT A ONE-MAN ARMY

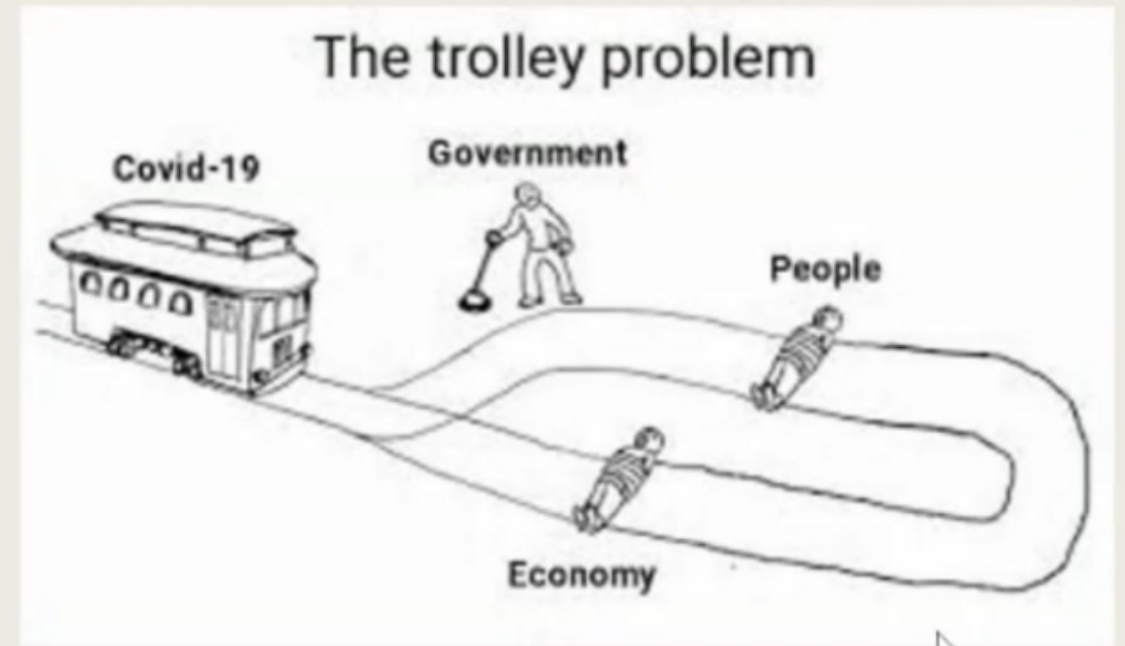


TOGETHER, WE RISE...



THE AI CONUNDRUM

- Ease of surveillance vs. sensitive data collection (e.g., facial recognition)
- Automated decision-making vs. risk from autonomous vehicles
- Interpretability vs. complex black box approach
- Carbon impact of AI - training a single, complex, large AI model can emit as much carbon as five cars in their lifetime
- Is ML/DL necessary for solving every problem in hand?
- First principles, statistics, classical ML



LEVERS DRIVING AI ADOPTION

01

RESPONSIBLE AI

GDPR
SOC2
HIPAA

02

EXPLAINABLE AI

INTERPRETABILITY
HUMAN-IN-THE-LOOP

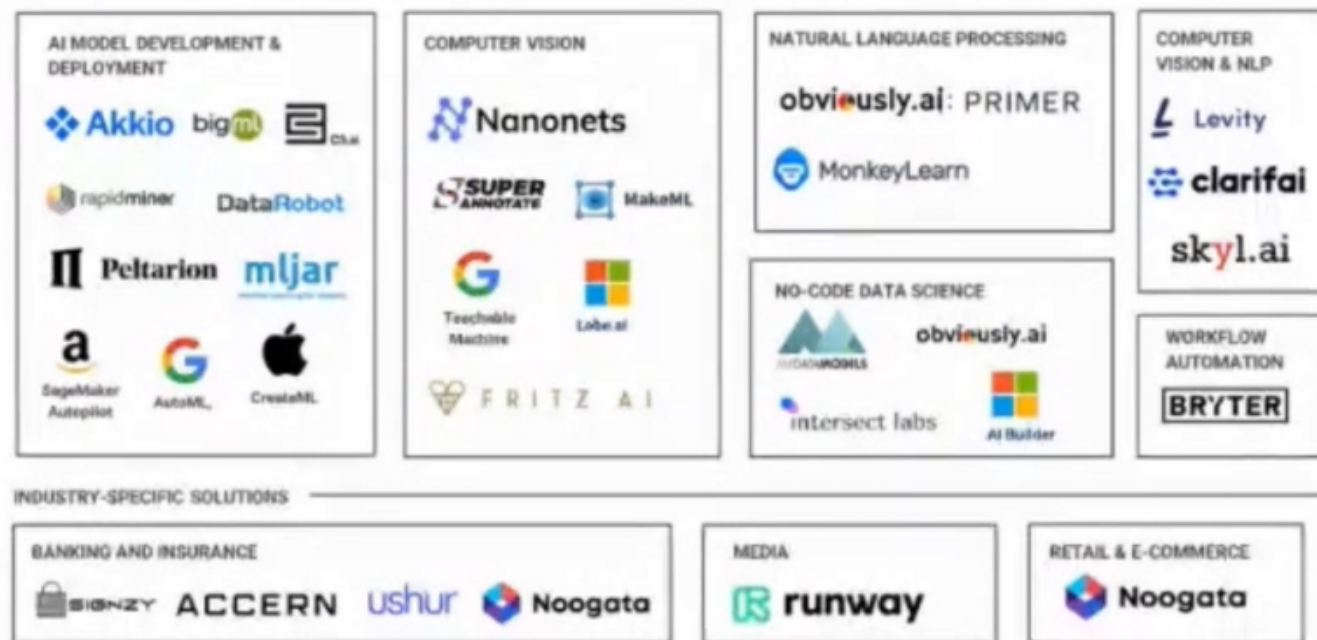
03

SUSTAINABLE AI

EU DATA ACT
EU AI ACT

LOW CODE
NO CODE

The emerging no-code AI ecosystem



Source: cbinsights.com

 CBINSIGHTS

<https://www.cbinsights.com/research/no-code-ai-platforms/>



THANK YOU FOR LISTENING!!





GLOBAL INSTITUTE FOR
DIGITAL COMPETITIVENESS

TECHNOLOGY FOR INCREASE EFFICENCY



Just one goal, Create value with technology.

Through 5 different specific strategies:

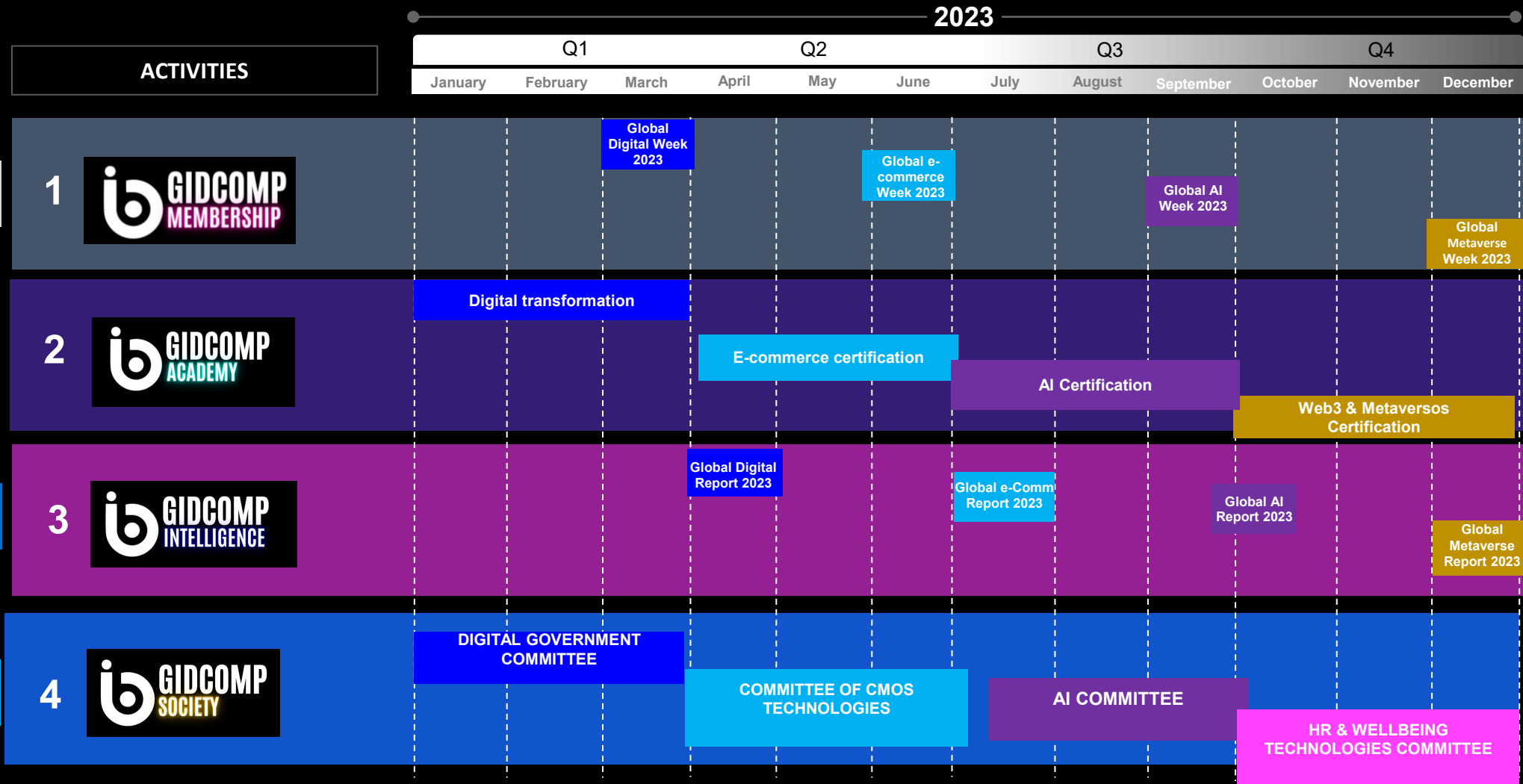
- 1** Spreading and encouraging the use of technologies to increase the efficiency of organizations from all over the world
- 2** Connecting organizations and executives to create more value, sell more in an omnichannel, and geopolitically fragmented world.
- 3** Work together with authorities and institutions to remove barriers to technologies and trade
- 4** Bring experts, knowledge and cases to communities or regions with little access to technological knowledge and digitalization to make opportunities inclusive.
- 5** Establish Committees by type of technology to share uses, applications, as well as groups that want to interact, collaborate and test new applications in the practical field.



Some brands that are part of our international ecosystem



Calendar GIDCOMP 2023



The GIDCOMP with its purpose of contributing to reduce the global digital divide holds several international festivals inviting senior leaders to share and inspire people to create value and generate experiences in Web 3.0 with new technologies

1

GIDCOMP Immersive Festivals

Free immersive festivals by streaming in english and spanish

GLOBAL DIGITAL WEEK 2023

International experts

- Día 1. Smart Cities
- Día 2. Public Policies
- Día 3. e- Commerce
- Día 4. Disruptive Business
- Día 5. Wellness Technologies

Marzo 27 al 31

GLOBAL E-COMMERCE WEEK 2023

Internanional experts

- Día 1. Marketplaces
- Día 2. Digital Commerce
- Día 3. Omnichannel
- Día 4. Metacommerce
- Día 5. Customer Experience

Jun 26 al 30

GLOBAL AI WEEK 2023

International experts

- Día 1. Robotics & AI
- Día 2. IOT
- Día 3. Automation
- Día 4. AI Performance
- Día 5. Machine Learning

Sept 11 al 15

GLOBAL METAVERSE WEEK 2023

International experts

- Día 1. Immersive Technologies
- Día 2. Omnichannel
- Día 3. NFTs & Blockchain
- Día 4. 3D & Web 3.0
- Día 5. Artificial Intelligence

Diciembre 4 al 8



The Academy Division seeks to bring international experts in practice together to share their pragmatic and tactical execution lenses in leading global companies.

The main mission is for executives to develop the skills in practice in order to increase the efficiency and sales of brands.

2



GIDCOMP ACADEMY HELPS PROFESSIONALS BECOME MORE COMPETITIVE

CERTIFICATION IN: DIGITAL TRANSFORMATION

The digital transformation certification seeks to help decision makers to digitize business. In order to develop skills to add value and differentiation through innovation in brands.

[See agenda](#)

UPCOMING START DATES:

Beginning

JANUARY 14, 2024

Closing of admissions

DECEMBER 15, 2023

CERTIFICATION IN: E-COMMERCE AND OMNICHANNEL

The *certification in e-commerce & Omnichannelity* seeks to help decision makers to digitize businesses. In order to develop skills to add value and differentiation through innovation in brands.

[See agenda](#)

UPCOMING START DATES:

Beginning

APRIL 16

Closing of admissions

MARCH 20

AI CERTIFICATION APPLIED TO MARKETING AND BUSINESS

The certification in AI for marketing and sales areas seeks to help decision makers maximize results, optimize budgets, predict customer behavior, study, define and segment users, predict audiences and improve operational efficiency.

[See agenda](#)

UPCOMING START DATES:

Beginning

AUGUST 15

Closing of admissions

JULY 30

CERTIFICATION IN: WEB 3 AND METAVERSES

This certification seeks to provide the tools for executives to take their organizations to web3 and metaverses. Immersive technologies will allow superior experiences both at the retail level with augmented and mixed reality and on the web3 with virtual stores and specialized metaverses.

[See agenda](#)

UPCOMING START DATES:

Beginning

OCTOBER 01

Closing of admissions

SEPTEMBER 3RD

3



Research, prototypes, tests, reports
and Digital Laboratory

Global Metaverse
Report 2022
Release for November
2022

Global Digital
Report 2023
Release for February 2023

Meta
Commerce 2023
Release for June 2023

Digital poles
2023
Release for November 2023

POSITIONING AND BRAND PRESENCE IN METAVERSES

1 CONNECTING WITH CONSUMERS - ESTEFANÍA YAGÜEZ, HEAD OF CONSUMER INTELLIGENCE AT L'ORÉAL

2 MARKETING AND BRANDING – FERNANDO CANO, MANAGING DIRECTOR OF HAVAS METAVERSE

OMNICHANNEL COMMERCE

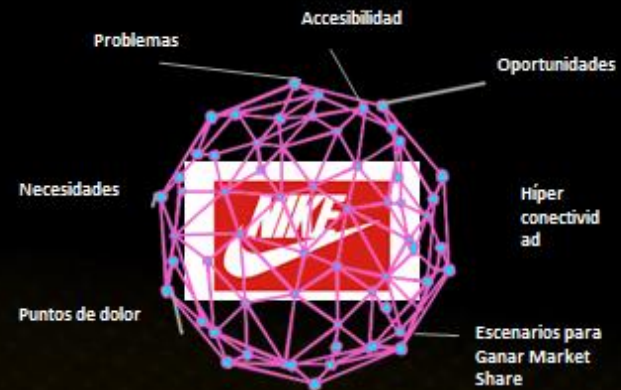
1 VIRTUAL STORES – JONATHAN MÁSMELA, CEO DE LA COLONIA

2 SALES IN METAVERSES – THORSTEN WALTHER, CEO DE INSPIFY

MASSIVE METAVERSES

1 MANAGEMENT OF VIRTUAL COMMUNITIES, DANIELLE MCCONNELL, CMO DE VIRTWAY

2 SPECIALIZED METAVERSES, SORAYA CADALSO, CEO DE UTTOPION



Market fit. Short term

- Incorporate technological applications
- Prioritization in terms of sales impact

Market fit. Medium term

- Be the first to incorporate technologies
- Prioritization in terms of sales impact

Current Portfolio

1. Tenis
2. Ropa
3. Accesorios

Tailored Portfolio (medium term)

1. NIKELAND
2. Clothing with technological applications.
3. Monitoring Accessories

Example: Non-exhaustive Business Unit NIKE.

Technology adoption diagnostics

Reasons to join **GIDCOMP**:

4



- 1 To receive **information on Business Intelligence and Technology trends**
- 2 To **leverage existing technology** (leap Frog)
- 3 To generate **networking / community**
- 4 To have **visibility** of applications in the use of **technologies**
- 5 To inform me and keep abreast of the **latest news**
- 6 To receive **support or consultancy**
- 7 To **train** my team in the face of new market challenges
- 8 To generate **relationship with Authorities**
- 9 Access to **+300 Experts from more than 52 countries** and presentations of their models at our festivals



Accompanied by senior international leaders who lead the committees

Smart Cities,
Sustentabilidad & Industria
4.0, Public Policy, e-
government
&Ciberseguridad

Blockchain and NFT.
Digital Economy,
Artificial Intelligence

Data Science & Big
data, RH & Well-being
Technologies,
Education Technology

Metaverses, immersives
Technologies (RA, 3D, RM,
RV), Experiences
Omnicanal & Digital
Commerce

Social enterprises,
Sustainability, Social
Digital Business, Social
responsibility

Governments, Int. Agencies

CTOs, CDOs, CIOs

CRHOs, COOs, CHOs.

CEOs, CMOs. CSOs.

CSR, ONGs,

Macro

Application of technologies

Micro

Affiliates will live an international Figital experience

Meetings are held weekly as follows: E.g. Metaverse Committee

Canal	Hours	Assistants	City	Physical host
Metaverse	1.5 hours	10		
physical	30 min	4	CDMX	Sura
		2	Bogotá	Coats
		4	Madrid	Let me Park

- ❖ ANNUAL OBJECTIVES OF THE COMMITTEES:
- ❖ Publish trends by technology.
- ❖ Collaborations with media.
- ❖ Working papers.
- ❖ Video Cases and documentaries.
- ❖ International networking.
- ❖ Coordination of Roadshows.
- ❖ Support to associations, international organizations, governments, chambers, universities with the digital knowledge bank and global network of experts
- ❖ Recognition of executives and exposure of brands that collaborate in the integration of knowledge.
- ❖

■ Social responsibility activities of access to the public, via streaming and technological platforms with co-organizing brands.

VICE PRESIDENTES DIGITAL GOVERNMENT

Committee 1

Objective:

The Digital Government committee of GIDCOMP aims to share best practices, analyze trends, create articles and reports to different stakeholders.

Technological themes:



1. SOSTENIBILIDAD

2. SMART CITIES

3. FINTECH

4. CIBERSEGURIDAD



ROBERTO HERNÁNDEZ
FORMER CEO LATAM OCDE
PUBLIC POLICY GIDCOMP VP



HÉCTOR CARDENAS
CEO THE ERGO GROUP
E-GOVERNMENT COMMITTEE VP



JUAN CARLOS REYES
CEO ANTI FRAUDE
CIBERSECURITY GIDCOMP VP



LUIS GODOY
FORMER CEO DE INTELIGENCIA
ECO GLOBAL
PUBLIC POLICY GIDCOMP VP

VICE PRESIDENTS

ARTIFICIAL INTELLIGENCE & DISRUPTIVE TECHNOLOGIES

Committee 2

Objective:

The Artificial Intelligence & Disruptive Technologies committee of GIDCOMP aims to share best practices, analyze trends, create articles and reports to different stakeholders.

Technological themes:



FERNANDO CARRIO
O2O MARKETING EXECUTIVE
AI GIDCOMP VP



MIRIAM ESPICHÁN
ANALISTA DE MARKETING & CONTENIDOS
DISRUPTIVE TECHNOLOGIES GIDCOMP VP



MARISOL CAPETILLO
CEO OF VERSE TECHNOLOGY
INDUSTRY 4.0 GIDCOMP VP



RAMÓN MARTÍNEZ
CEO DE HIRXLAB
TECNOLOGÍAS DISRUPTIVAS GIDCOMP VP

VICE PRESIDENTES HR & WELLBEING TECHNOLOGIES

Committee 3

Objective:

The HR & Wellbeing Technologies committee of GIDCOMP aims to share best practices, analyze trends, create articles and reports to different stakeholders.

Technological themes:.



- 1. HR AGILE
- 2. PEOPLE ANALYTICS
- 3. WELLBEING TECHNOLOGIES
- 4. FOW 2050
- 5. TECH TRAINING
- 6. EMPLOYEE CX



MONTSERRAT CAZORLA
GLOBAL LEAD ATTRACTION & RETENTION
CHG-MERIDIAN
HR TECHNOLOGY GIDCOMP VP



SUSANA NILA
FUTURE EMPLOYABILITY EXPERT
FOW 2050 GIDCOMP VP



JULIÁN VARAS
CEO OF C1DO1
ED TECH GIDCOMP VP



EMILIO SERRA
DATA & ANALYTICS ONE SR. MANAGER
DANONE
BIG DATA & DATA SCIENCE GIDCOMP VP