Adapting and Staying ahead of the game

Jean Perez
Director of Data & Analytics
Collinson - Valuedynamx

Items to cover:

Fostering cohesive comprehension of data expectations through enhanced collaboration among data roles

Cultivating a culture of innovative thinking and continuous learning

Allocating time for employees to work on innovative projects that align with emerging trends, fostering creativity and exploration.

Broadening role expectations to prevent overlooking emerging trends

Conducting periodic trend analyses to identify upcoming technologies and methodologies, allowing you to prepare in advance

Trends and keeping up with the buzz

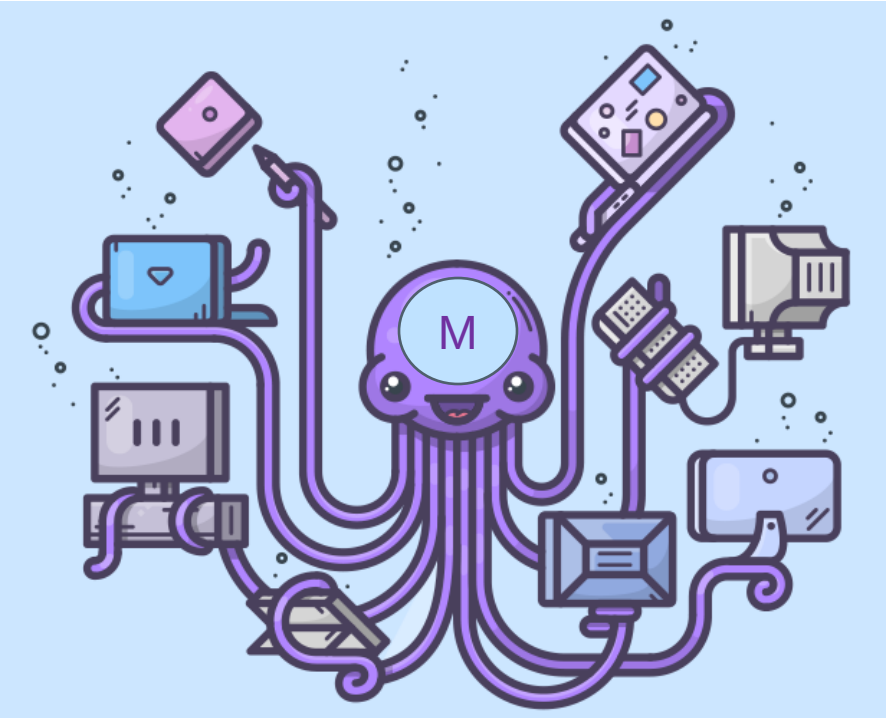
The constant evolution of “Data Roles”

Data Analysis

Data Engineering

ML Engineering

ML Ops



Data Science

Data Visualization

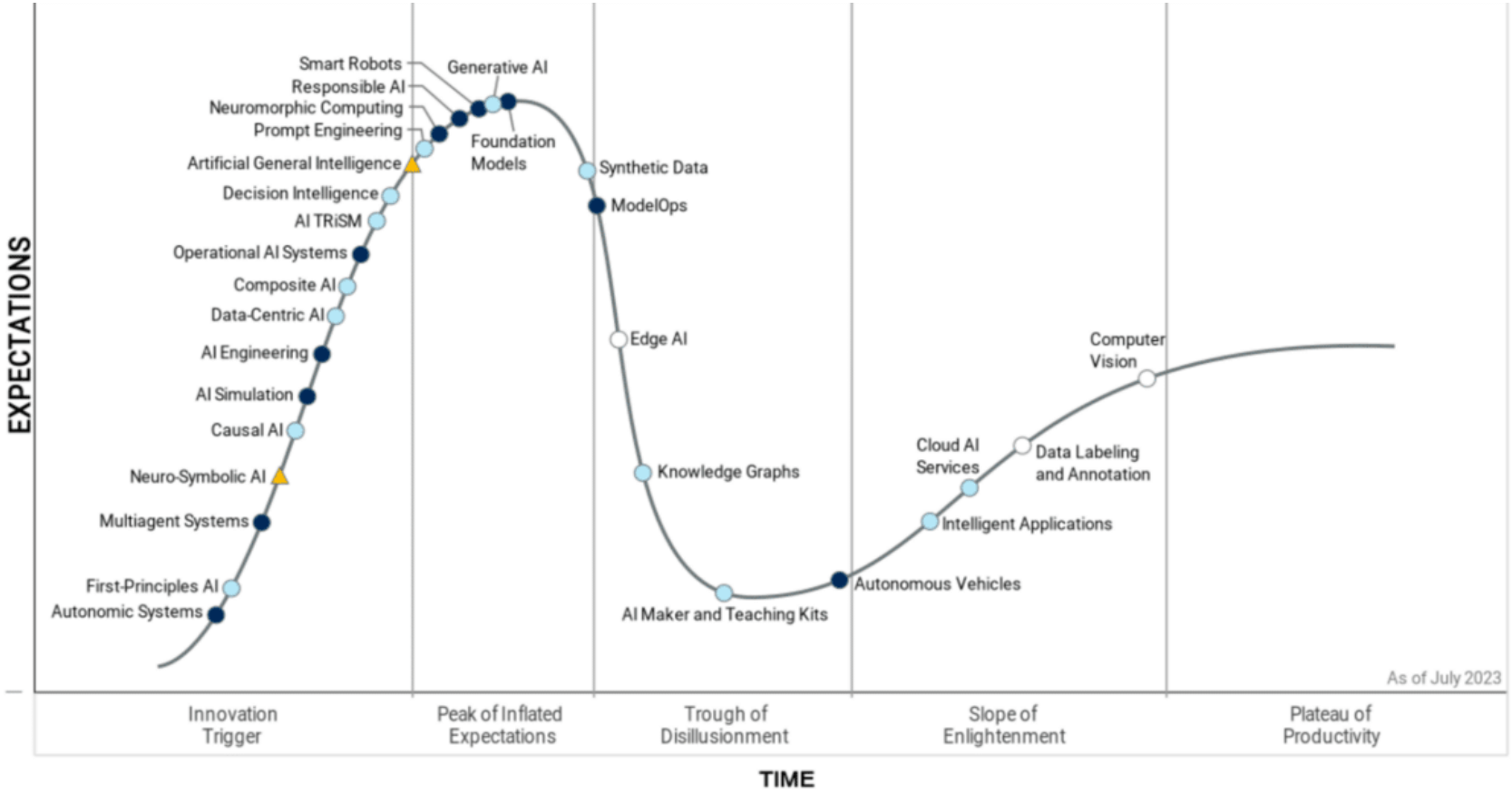
Data Consultancy

Dev/Ops

Realization: “Our job is to create opportunities, how we do it is not determined”

generative
generative
ai
said
can
data
multimodal
learning
models
also
new
model
example
machine
enterprise
organizations
capabilities
management
use
open
smaller
going
training
analytics
growing
building
systems
barrington
using
business
trends
agentic
privacy
year
need
top
software
source
intelligence
network
shadow
development
applications
information
crossan
landscape
although
unstructured
companies
technologies
content
ethics
want
inventory
language
real-world
initiatives
compliance
security
risk
employees
existing
comprehensive
concerns
features
across
retrieval-augmented
public
without
policy
tech
erp
artificial
challenging
strategies
chatgpt
openai
dell
cases
focus
projects
setting
regulation
experimentation
requirements
build
next
preferences
coming
big
database
significant
types
businesses
often
luke
designed
especially
regulatory
one
years
resources
users
audio
get
technology
developing
rag
environment
safety
agents
news
along
traditional
used
transparency
amounts
guides
early
reducing
forgotten
control
api
fine
issues
features
head
short
run
expanding
goals
inventory
art
intel
future
result
executive
customized
platforms
techtarget
hallucinations
image
encourage
sponsored
u.s
diverse
world
opinions
respond
update
look
really
access
tech
massive
tools
various
sophisticated
domain-specific
free
services
unstructured
capabilities
agentic
trends
just
will
teams
ability
easy
privacy
proprietary
shift
time
past
independently
frontiers
power
global
much
research
science
application
platform
act
gdpr
three
set
video
calls
tips
site
generation
overnight
experts
plausible-sounding
guides
transparency
amounts
used
traditional
growing
also
rag
environment
safety
agents
news
along
building
new
model
across
retrieval-augmented
example
language
short
inventory
want
ethics
machine
need
public
enterprise
software
top
data
source
intelligence
network
shadow
development
applications
information
crossan
landscape
although
unstructured
capabilities
use
business
trends
agentic
privacy
year
ability
eas

Hyper Cycle for AI in 2023



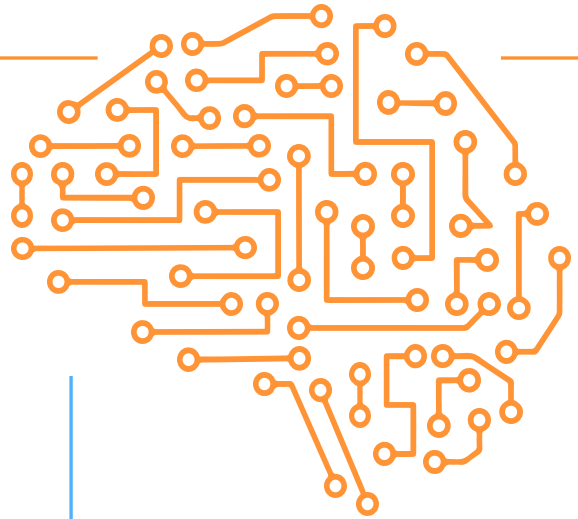
*Gartner

Fostering Creativity and Innovation

Foundations for Creative Thinking

Define the Problem: Einstein once said that “If I had 20 days to solve a problem, I would take 19 days to define it”

Learn the rules before you start: Creativity comes only after years of preparation and deliberate practice.



Embrace curiosity and open mindedness: ask questions, view the familiar with fresh eyes

Foster a Playful Mindset: Creativity has is playful, it encourages to explore, experiment and take risks without fear. Think about children .

Challenge assumptions: Don’t be afraid to question presumptions

Make connections: Let ideas flows as the most unlikely connections can trigger innovation.

Embrace Ambiguity and Uncertainty: Get out of your Comfort Zone, Explore the unexplored.

Collaboration within data teams and outside

Collaboration

Strategies:

- Cross Functional collaboration
- Agile Methodologies
- Knowledge Sharing
- Set Best Practices or Golden Rules
- Reward and Recognition

Tools:

GitHub

jupyter Python Notebook

databricks

Confluence

+ableau

APACHE Spark

Jira

Thank you
https://valuedynamx.com