

EVOLUTION OF DATA ANALYTICS

The widespread adoption of cutting-edge technology in financial institutions is significantly influencing the consumption of data analytics, particularly within the credit, payments, and risk management functions of banks and credit unions.

Analytics 1.0



- Enterprise Data warehouse, Appliances DWH (e.g. Teradata)
- Federated Reporting
- Business Superheroes driving reporting needs



Past



Present

Analytics 2.0



- Big Data (Velocity, Volume, Variety)
- Data Lake on Cloud
- Data Science (AI/ML)
- Robotic Process Automation
- Generative AI (ChatGPT 4.0)

Analytics 3.0



- Intelligent Data Integration
- Intelligent Process Automation with GenAI
- LLM powered BI Tools and Data Science Use cases

NEXT
1 - 2 YEARS



NEXT
3 - 5 YEARS

Analytics 4.0



- Domain Specific foundation Models
- Analytics on the go (Embedded)
- Data Democratization with Data Exchanges

The emergence of innovative and influential Large Language Models (LLMs) are set to propel the next wave of generative AI-driven advanced analytics adoption within various financial institutions.

Are you prepared to ride the wave?

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