Performance metrics

Application performance metrics

Date	19 September 2022
Team ID	PNT2022TMID43265
Project Name	Efficient water quality analysis & prediction using machine learning
Maximum Marks	4 Marks

Introduction

Digital transformation is among the most well-known important drivers of how businesses deliver value to their customers in a competitive, fast-changing business environment. Artificial intelligence (AI) is now widely acknowledged as one of the most important digital transformation enablers across a significant number of industries. Artificial intelligence (AI) has the potential to facilitate enterprises .Become core imaginative, versatile, and adaptable than they have ever been. AI is already being applied to enhance productivity and competitiveness while also driving digital transformation in a range of organizations

Building the AI bank of the future

AI bank of the future Can banks meat the AI challenge?

Artificial intelligence technologies are increasingly integral to the world we live in, and banks need to deploy these technologies at scale to remain relevant. Success requires a holistic transformation spanning multiple layers of the organization.

Reimagining customer engagement for the AI bank of the future

Banks can meet rising customer expectations by applying AI to offer intelligent propositions and smart servicing that can seamlessly embed in partner ecosystems

. AI-powered decision making for the bank of the future

Banks are already strengthening customer relationships and lowering costs by using artificial intelligence to guide customer engagement. Success requires that capability stacks include the right elements.

Beyond digital transformations: Modernizing core technology for the AI bank of the future

For artificial intelligence to deliver value across the organization, banks need core technology that is scalable, resilient, and adaptable. Building that requires changes in six key areas.

Platform operating model for the AI bank of the future

Technology alone cannot define a successful AI bank; the AI bank of the future also needs an operating model that brings together the right talent, culture, and organizational design.
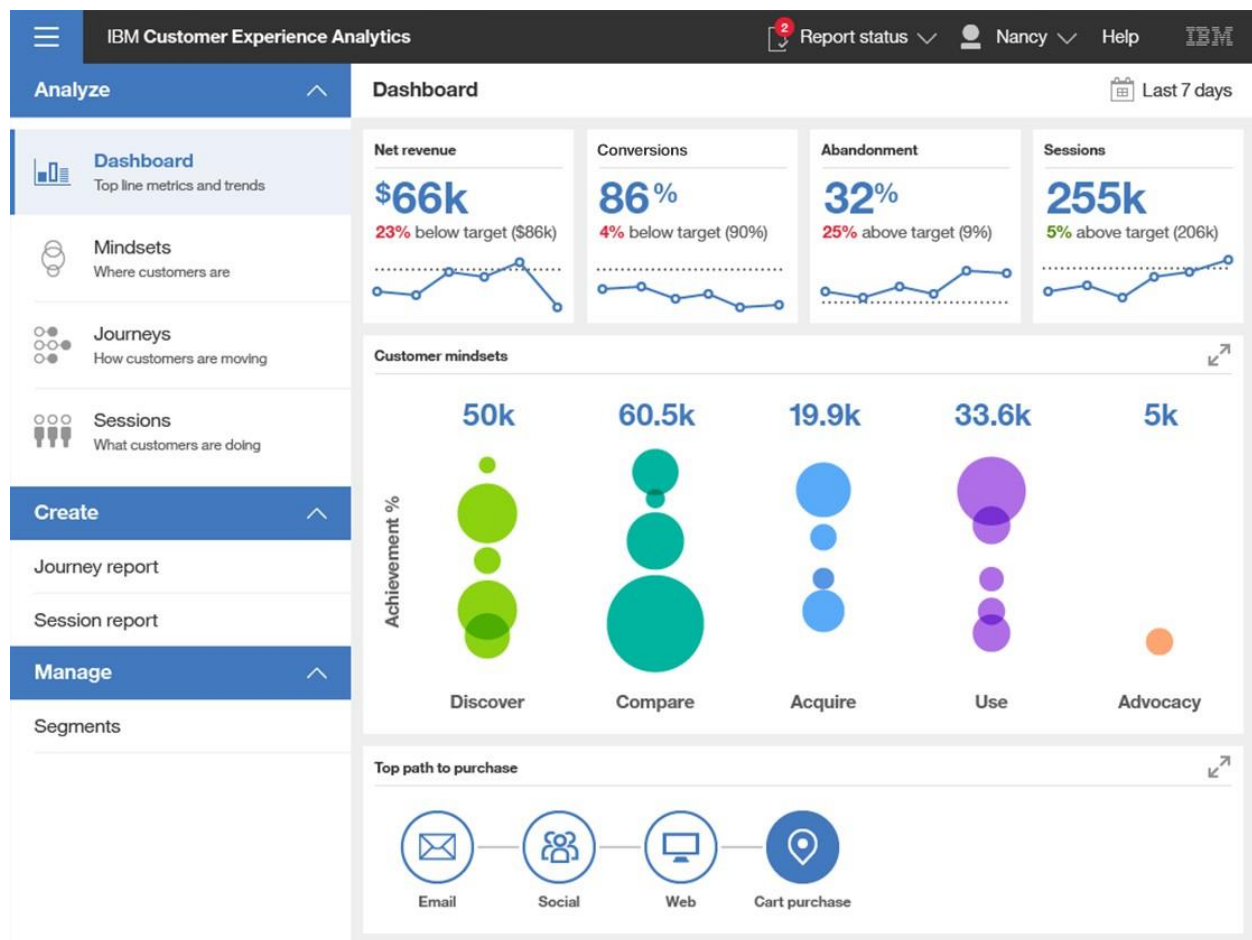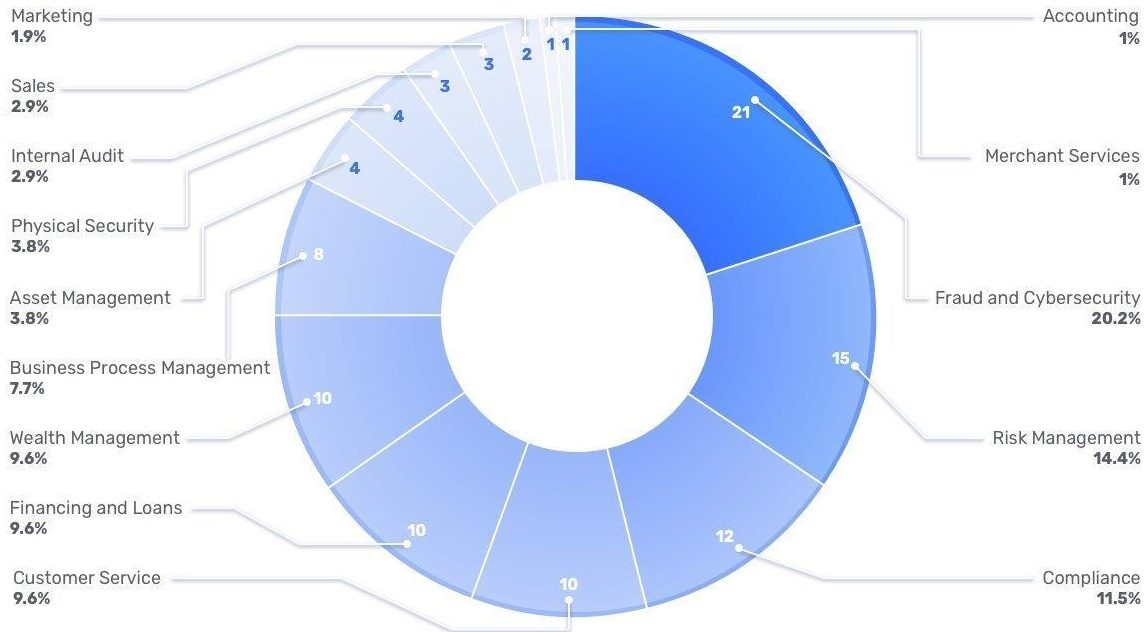
AI in Finance and Banking in India

The Indian banking sector's adoption of artificial ,though in a steep increase. In the past year, global investment in AI applications touched $5.1 billion, up from $4.0 billion in 2015.8 while large commercial and investment banks globally are incorporating AI and block chain for both back-office and customer facing purposes, in India, widespread adoption of these technologies has not yet come to fruition.

In the past year, several large financial services companies and Fine Tech startups have collaborated to conduct proof of concepts (POCs) and implement some of these emergent technologies into their operations. Though the deployment of AI technologies is still nascent in the banking sector, the competitive advantage that the technologies bring has been recognized by banks with some developing 'innovation' and running - these initiatives often take the form of partnerships between banks and Fine Tech companies.9

Use of AI in Banking and Finance

The adoption of AI in the banking and finance sector is a part of the larger digital wave occurring within the sector.10 The use and deployment of AI in consumer banking, financial products and back-end operations is varied and across different stages of operations. Though it is not always clear from publicly available information the exact type of AI technology that is being used, some technologies that we did find in our research include: Natural Language Processing, Natural Language Generation, Machine Learning (such as Neural networks/deep learning), and Computer Vision.

Number and Percent of AI Vendor Product Offering Functions in Banking

eMERJ

Function	Value
Marketing	1.9%
Sales	2.9%
Internal Audit	2.9%
Physical Security	3.8%
Asset Management	3.8%
Business Process Management	7.7%
Wealth Management	9.6%
Financing and Loans	9.6%
Customer Service	9.6%
Accounting	1%
Merchant Services	1%
Fraud and Cybersecurity	20.2%
Risk Management	14.4%
Compliance	11.5%

Values shown on chart: 21, 15, 12, 10, 10, 10, 8, 4, 4, 3, 3, 2, 1, 1