JEPPIAAR
COLLEGE OF ARTS AND SCIENCE

IBM

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COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

IBM PROJECT REPORT

FINANCIAL MANAGEMENT

Submitted by

BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH ARTIFICIAL INTELLIGENCE

Under the guidance of

Aiswarya Vijayan - Corporate Trainer

2023 - 2024

DECLARATION

We, Nithish kumar. S, Shahil khan. A, Mithun. R ,hereby declare that this project report on **"**Analysing financial management system data using COGNOS tool" submitted to University of Madras in partial fulfilment of the requirement for the award of the Degree Bachelor of computer science with Artificial Intelligence under the guidance of **DR.G.MONIKA M.Sc., PhD., HEAD OF DEPARTMENT** and **SUBHA SRI. S** has not been submitted earlier to any other university or institute for the award of any degree.

NITHISH KUMAR S

SHAHIL KHAN A

MITHUN R

Place:

Date:

BONAFIDE CERTIFICATE

This is to certify that the project titled “Financial management of ATM system data using COGNOS tool” is the bonafide work done by ,Nithishkumar. S, Shahil khan. A ,Mithun R, hereby and first year student of Jeppiaar College of Arts and Science , Padur, Chennai in partial fulfilment of the requirment for the award of the Degree of Bachelor of computer Science with Artificial Intelligence 2023-2024.

PROJECT GUIDE: SUBHA SRI. S HEAD OF THE DEPARTMENT:

Date:

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INTRODUCTION:

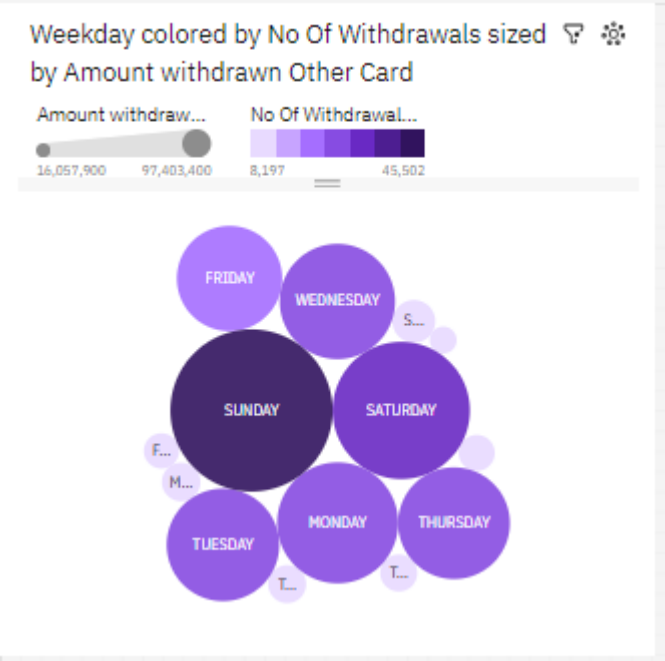
Our project focuses on leveraging IBM COGNOS Analytics for analyzing financial management with COGNOS versatile toolbox which include a dynamic dashboard and we develop it into data exploration and analysis. By uncovering trends and patterns, we aim to enhance operational efficiency and giving the relevant data where the atm is more used and want. We utilize COGNOS to extract actionable insights and drive informed decision-making in Financial management.

ABSTRACT :

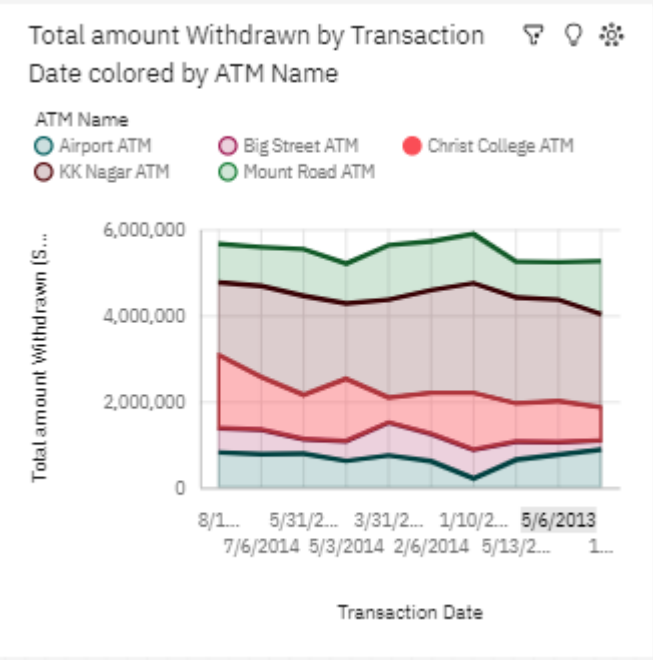
This project explores the utilization of IBM COGNOS Analytics for analyzing Financial management data of ATM, aiming to enhance operational efficiency and by giving the relevant data for the working of ATMS. Leveraging COGNOS' versatile toolbox, a bar graph, pie chart and line graph with a dynamic dashboard Through uncovering trends and patterns, actionable insights are extracted to drive informed decision-making.

REPORTS:

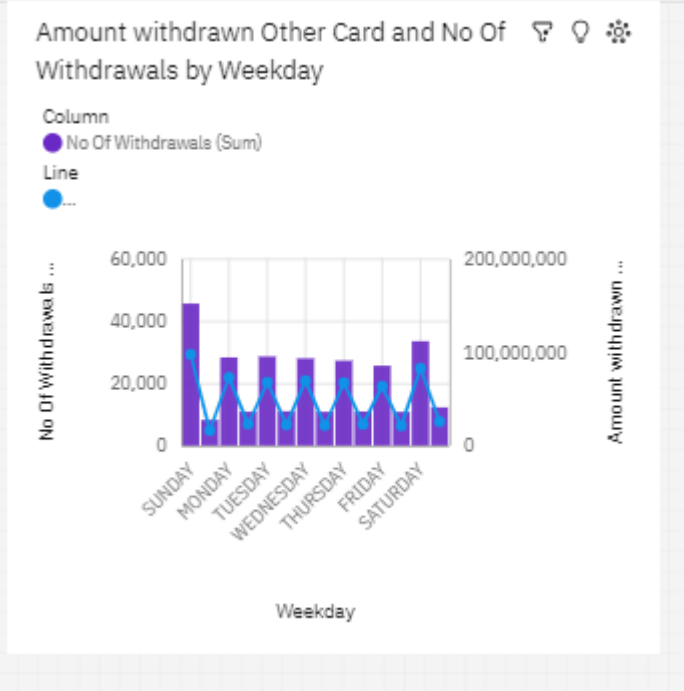
1.WEEKDAY COMPARED BY NO. OF WITHDRAWLS



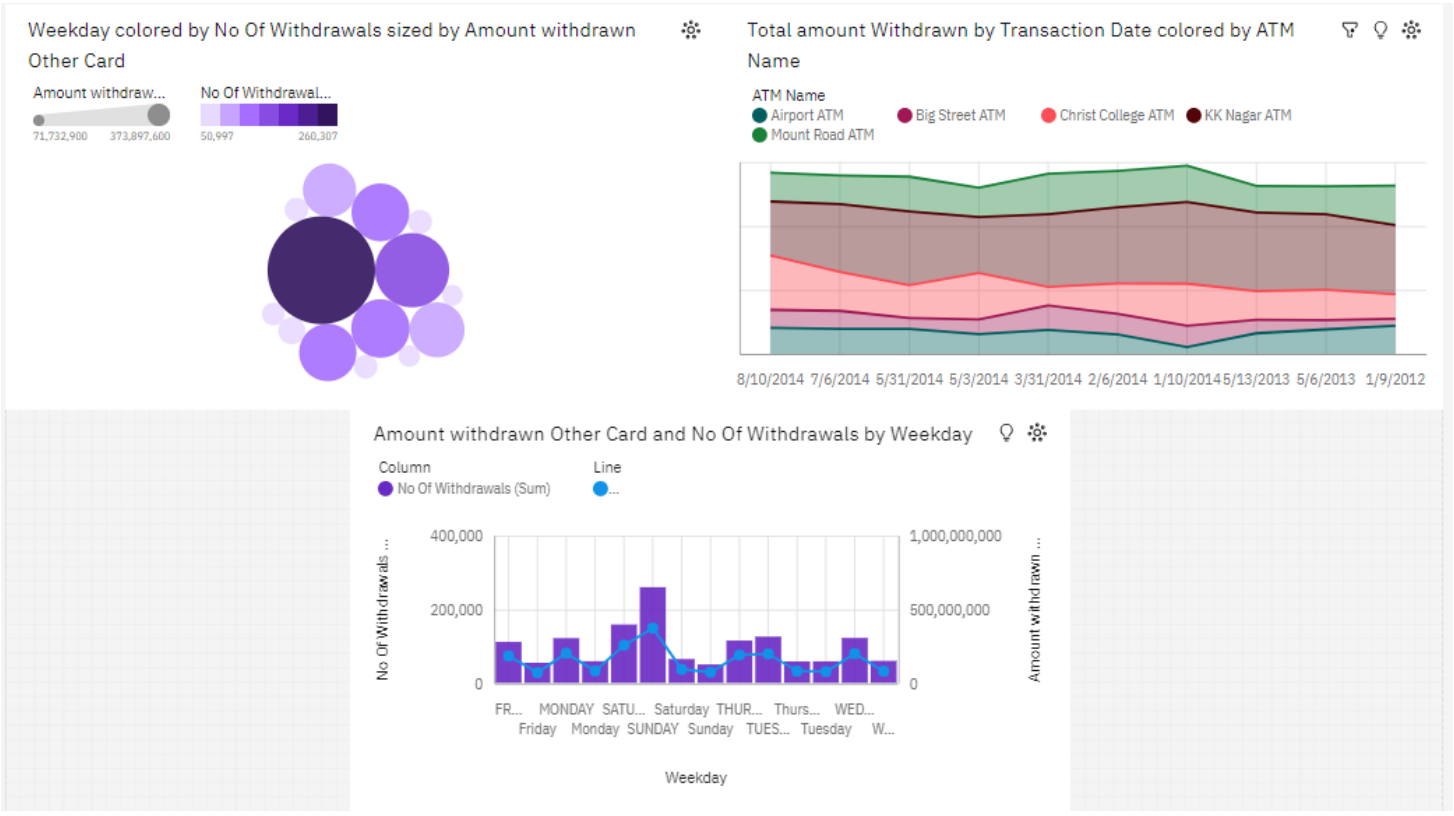
2. TOTAL AMOUNT WITHDRAWN BY TRANSACTION DATE



3. AMOUNT WITHDRAWN BY OTHER CARD BY WEEKDAY



FINAL DASHBOARD



CONCLUTION:

Our project has used IBM COGNOS Analytics to study financial data of ATMs better. We've explored different parts of the data using tools like charts and dynamic dashboard. By doing this, we've found trends and patterns that help ATMs in financial sector as run more smoothly and make customers happier. This shows how important it is to use data to make smart decisions in the banking industry.

REFERENCE:

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fdynamic%2Bdashboard&action=view&mode=dashboard&subView=model0000018f09c29c65_00000000