

Pharmacy Reimbursement Analysis Dashboard

"Total Montant: 65.07M | Period: 2019–2024"

Prepared By: Ranim Abidi

Class: Professional Master Degree

Speciality: Intelligent Web Applications (AWI2)

Total Montant

941.10M

Sum of montant

Total Patients

56K

Total Patients

Total Doctors

40K

Total Doctors

Total Hospitals

36K

Total Hospitals

Top Medicament Name

Aspirin

Top Medicament Name

Executive Summary.

Top Hospital Name

Johnson
PLC

Top Hospital Name

Total Medicaments

1855

Total Medicaments

AVG montant per Patient

16.96K

Avg Montant per Patient

First Age Group

0 - 19

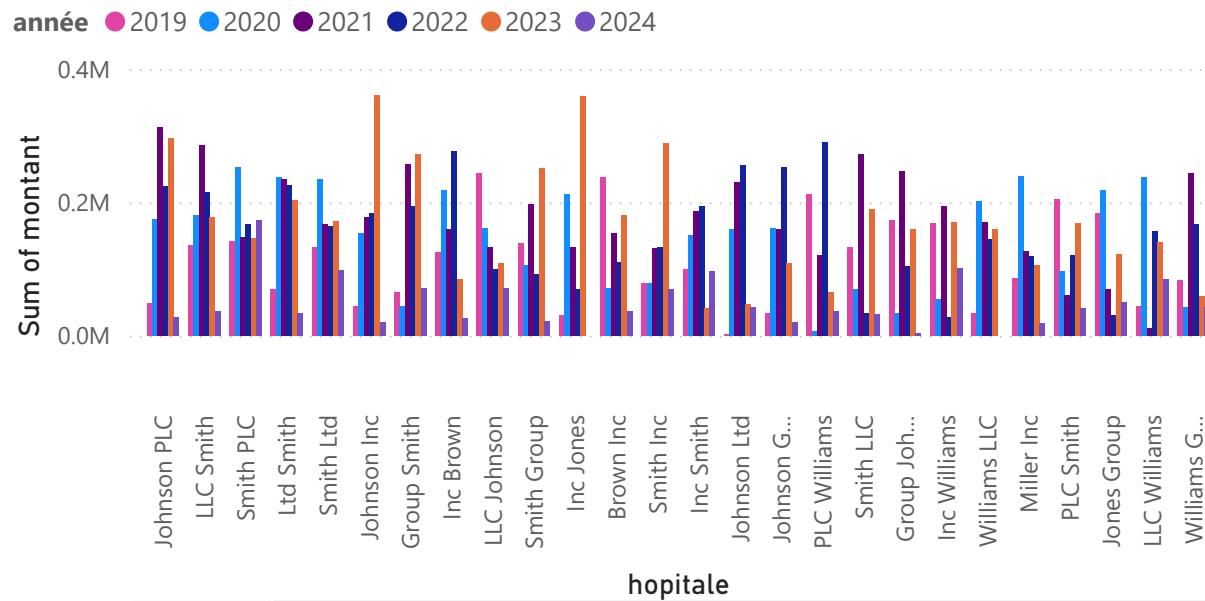
First Age Group

Top 3 Months

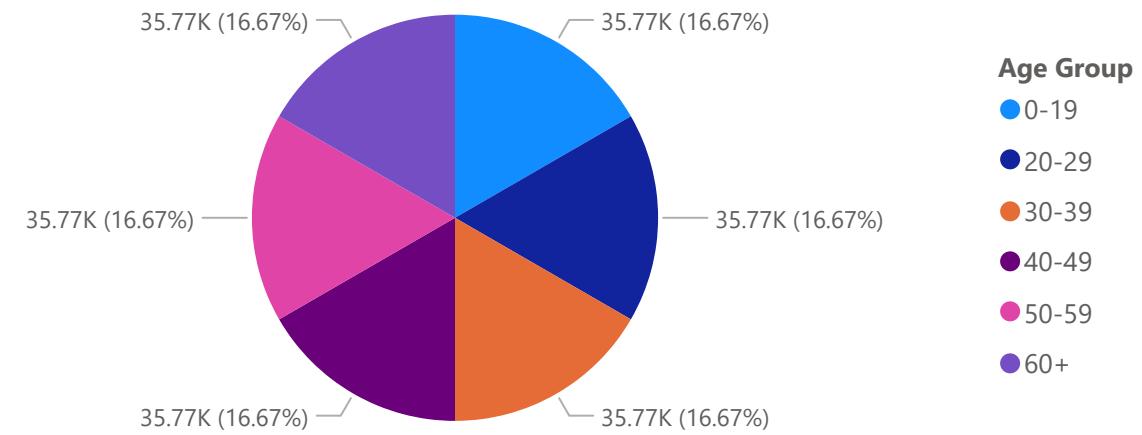
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Top 3 Months Names

Sum of montant by hopitale and année



Count of hopitale by Age Group

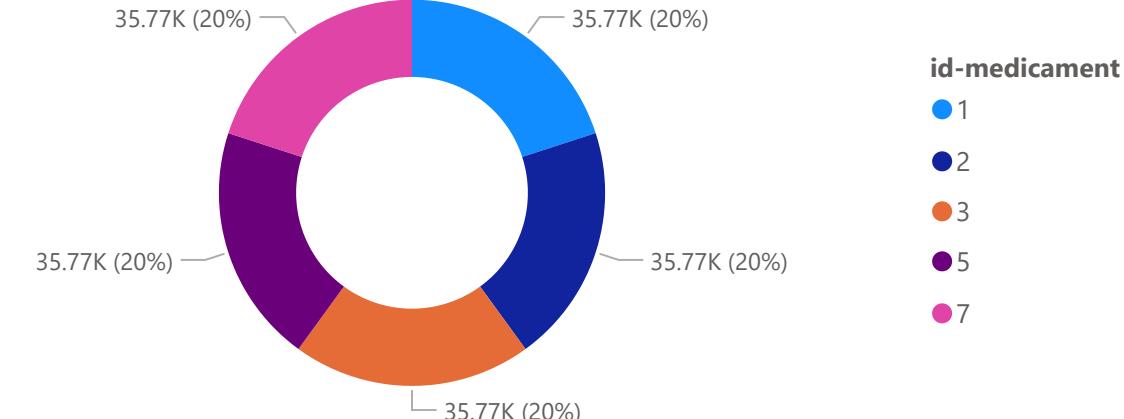


Hospitals Annual Montant

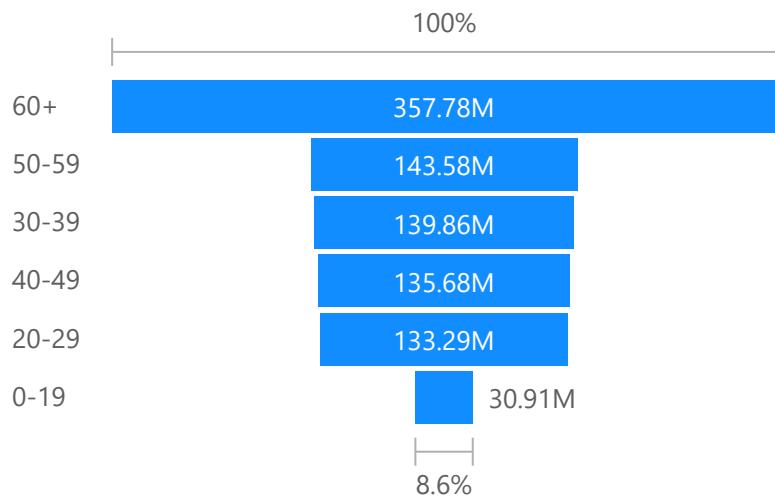
hopitale	2019	2020	2021	2022	2023
Abbott Inc					38,052.04
Abbott Ltd					29,877.59
Abbott-Castillo		18,397.74			
Abbott-Coleman			19,752.00		
Abbott-Ferrell				99.93	
Abbott-Hill					
Abbott-Jones			49,039.71		
Abbott-Martin		41,462.35		48,968.88	
Abbott-Rios			35,798.35		
Abbott-Wilson		23,968.51			
Acevedo Group		25,420.54			
Acevedo LLC				23,600.50	
Acevedo Ltd				97,984.29	
Total	127,242,135.94	188,317,557.98	185,591,371.19	187,916,624.38	186,9

Hospitals Performance

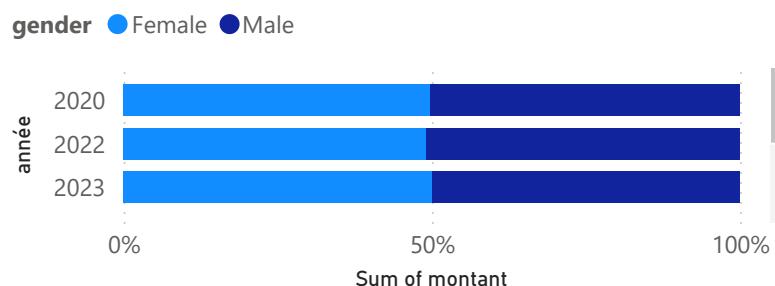
Count of hopitale by id-medicament



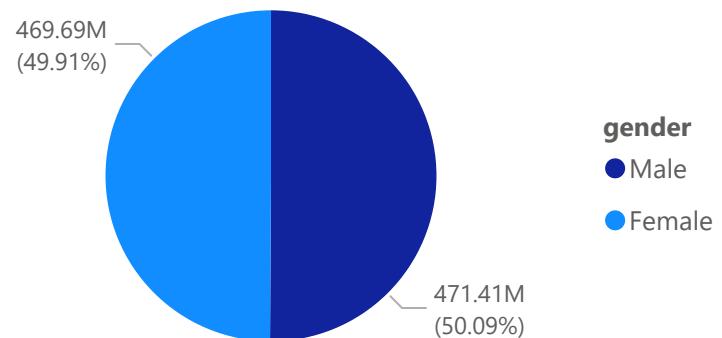
Sum of montant by Age Group



Sum of montant by année and gender

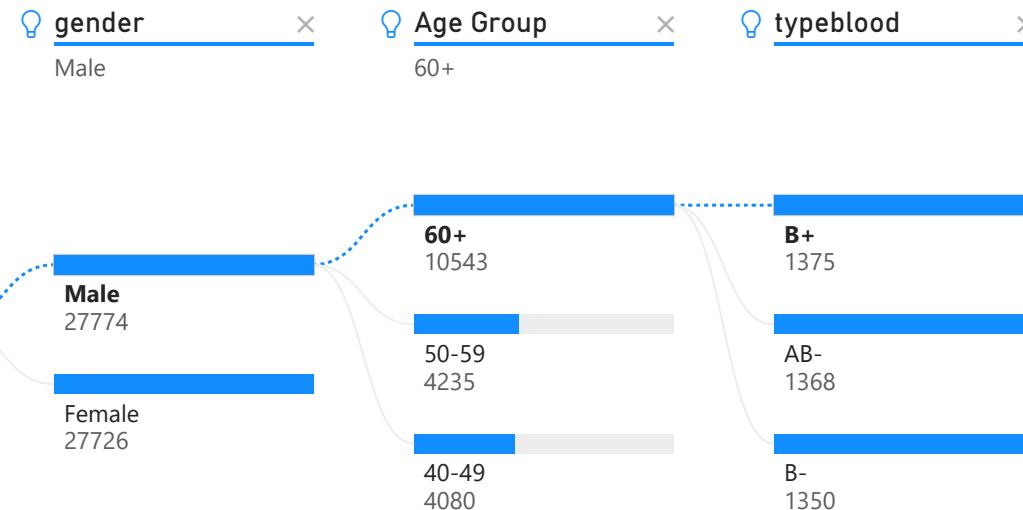
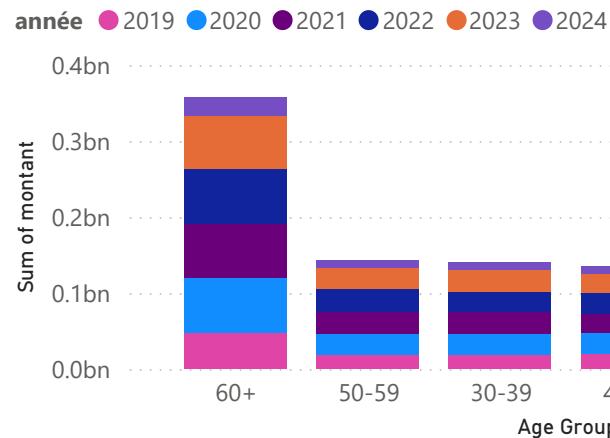


Sum of montant by gender

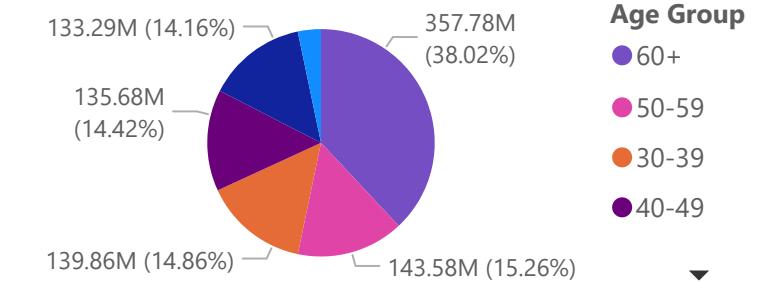


Patient Demographics & Spending

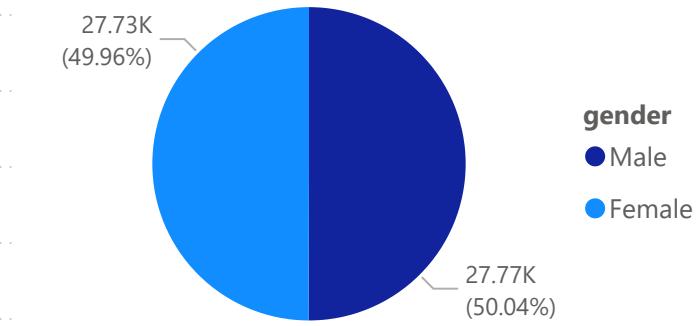
Sum of montant by Age Group and année



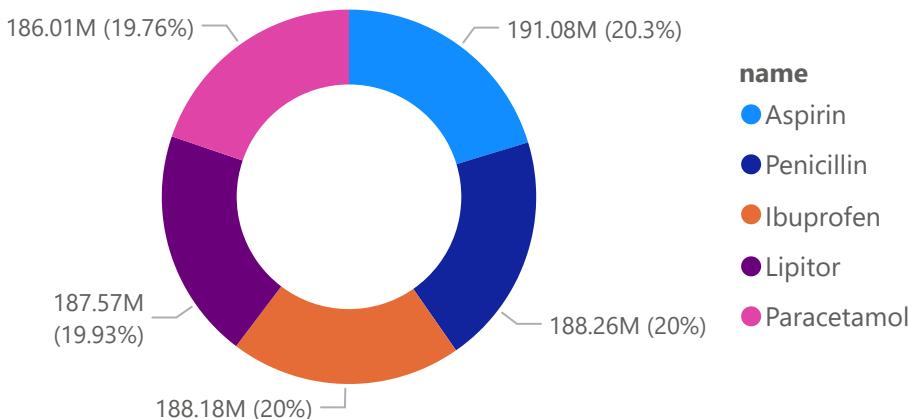
Sum of montant by Age Group



Gender Distribution

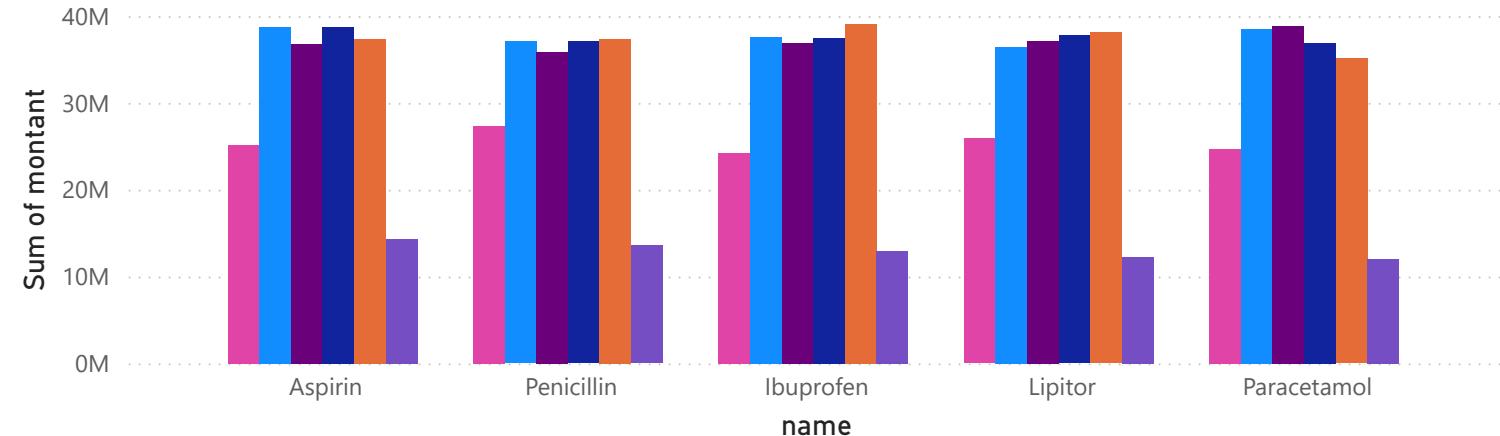


Sum of montant by name



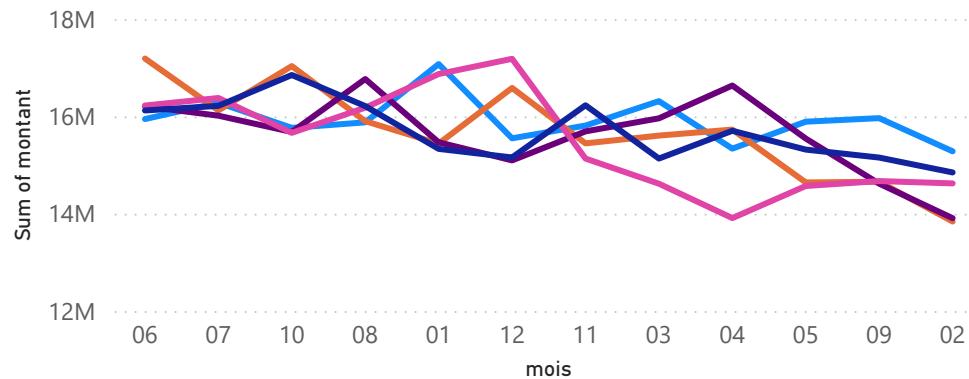
Annual Trends for Top Medc

année ● 2019 ● 2020 ● 2021 ● 2022 ● 2023 ● 2024



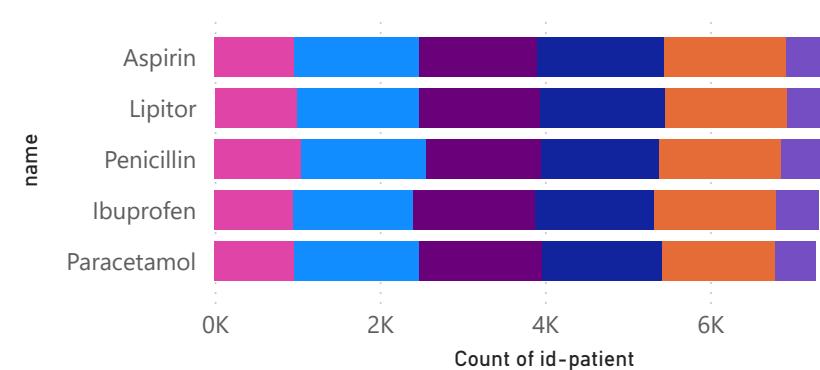
Monthly Trends for Top 5 Mecs

name ● Aspirin ● Ibuprofen ● Lipitor ● Paracetamol ● Penicillin

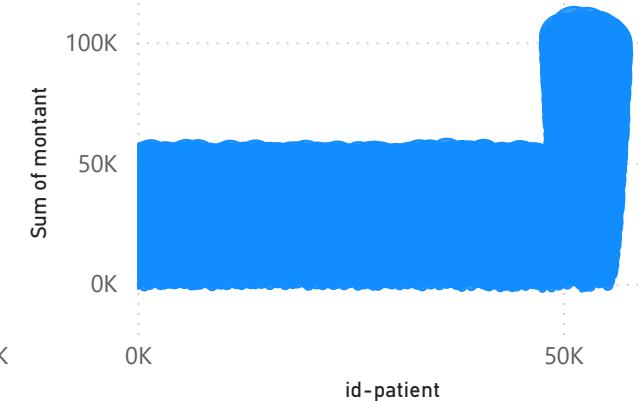


Patient Volume by Medcs

année ● 2019 ● 2020 ● 2021 ● 2022 ● 2023 ● 2024



Cost vs Volume by Medcs

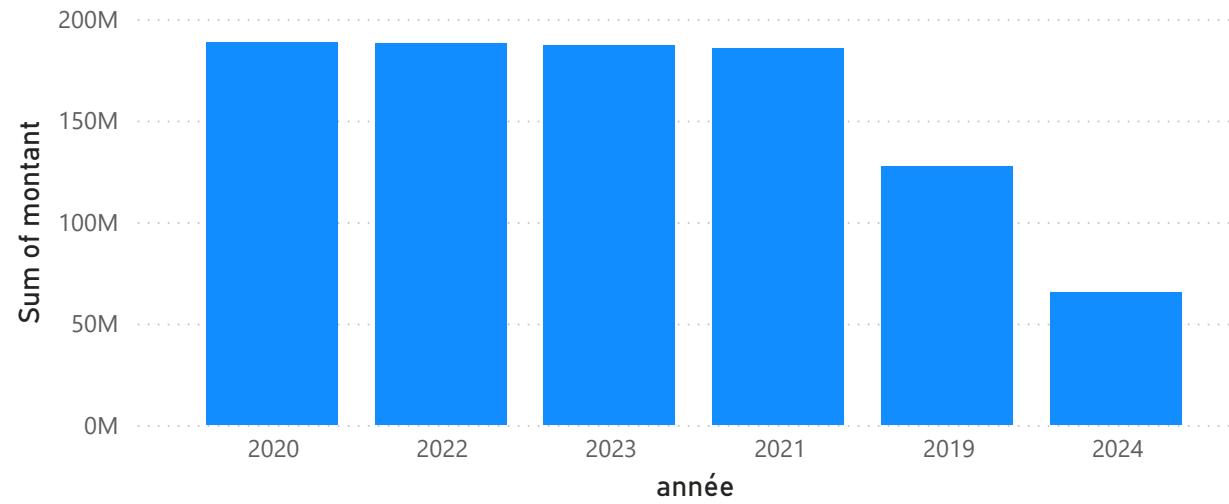


Top Medcs Annual Montant Breakdown

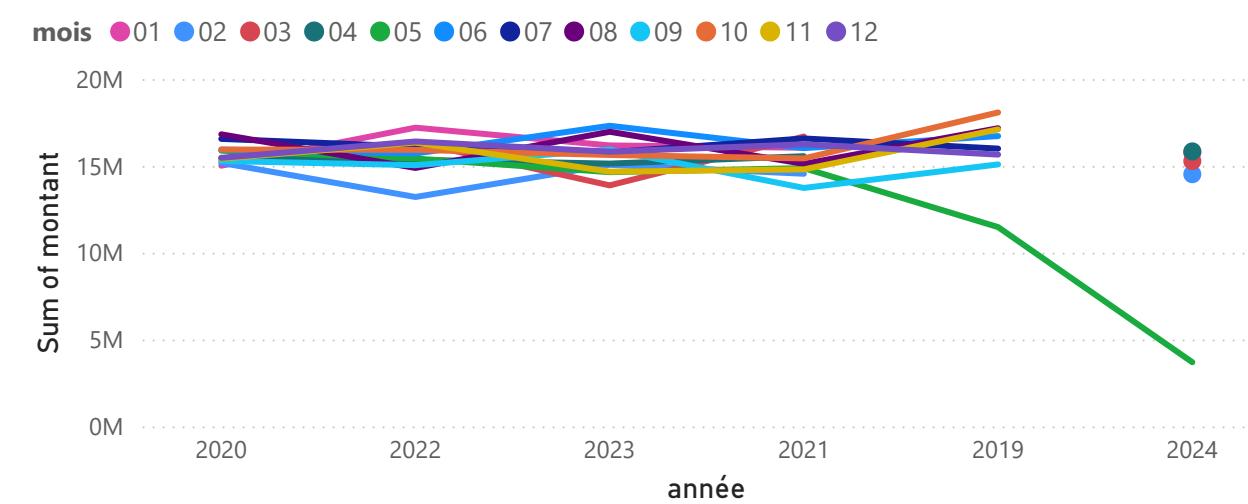
name	2019	2020	2021	2022	2023	2024	Total
Aspirin	25,133,887.57	38,740,384.49	36,810,239.25	38,763,292.55	37,328,810.74	14,301,035.72	191,077,650.33
Ibuprofen	24,242,941.62	37,585,587.81	36,897,593.43	37,431,659.71	39,072,381.88	12,948,088.20	188,178,252.65
Lipitor	25,881,509.17	36,456,840.27	37,144,320.33	37,764,399.55	38,111,604.20	12,215,108.61	187,573,782.12
Paracetamol	24,688,351.25	38,464,686.49	38,847,784.90	36,876,726.12	35,101,214.97	12,027,323.31	186,006,087.05
Penicillin	27,295,446.32	37,070,058.92	35,891,433.27	37,080,546.45	37,343,310.16	13,579,526.95	188,260,322.08
Total	127,242,135.94	188,317,557.98	185,591,371.19	187,916,624.38	186,957,321.95	65,071,082.79	941,096,094.23

**Medicament
Analysis**

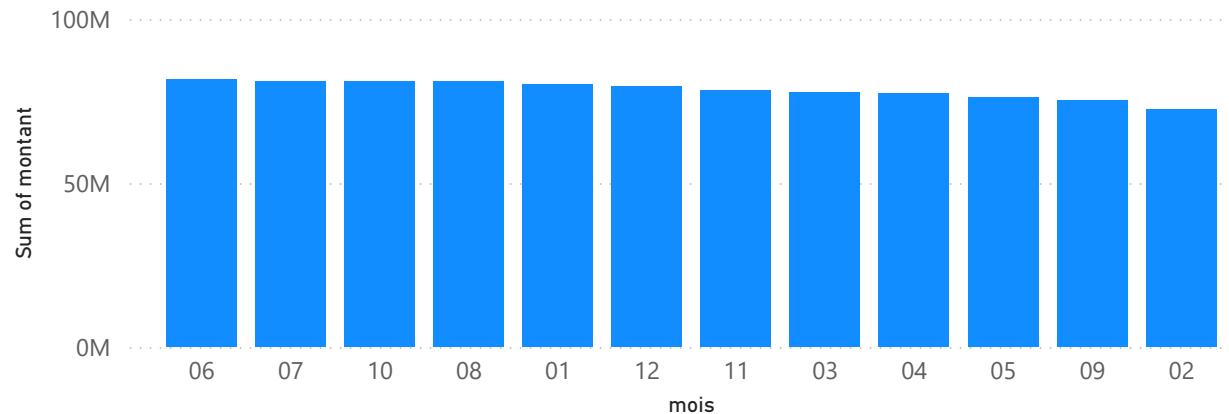
Annual Reimbursement



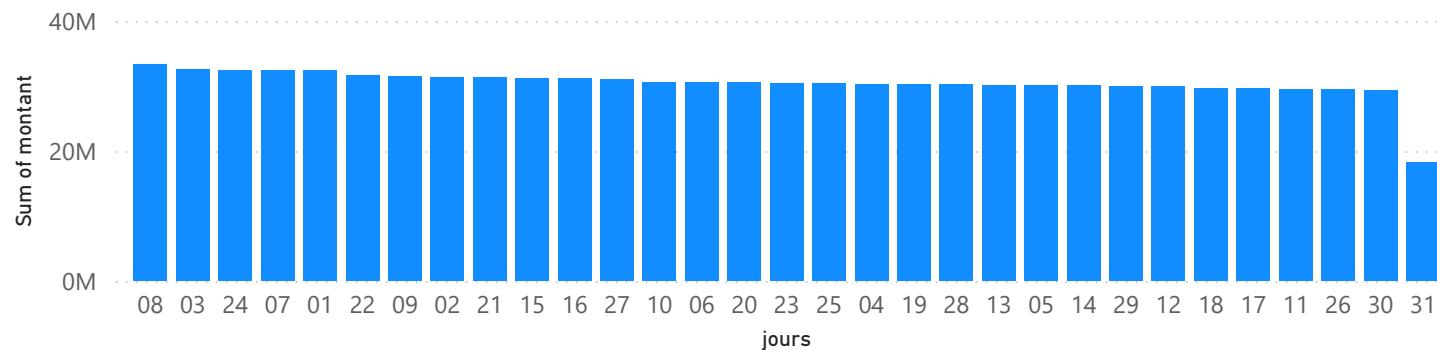
Monthly Reimbursement Trend



Monthly Reimbursement

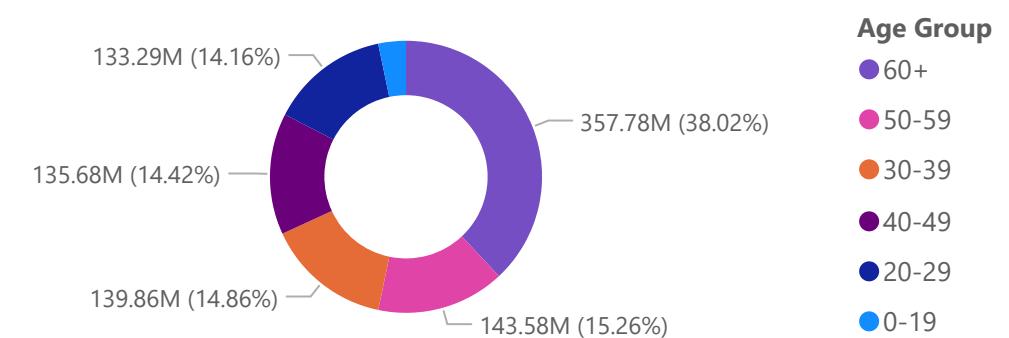


Sum of montant by jours

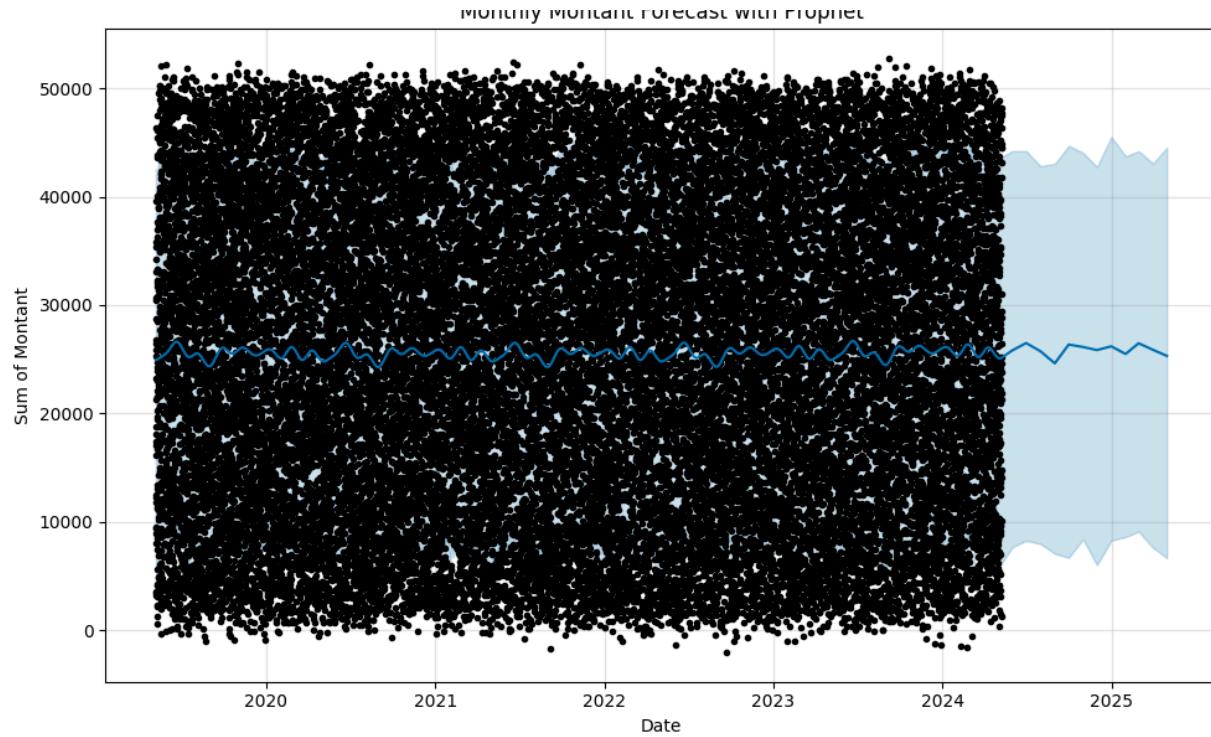


Spending Trends

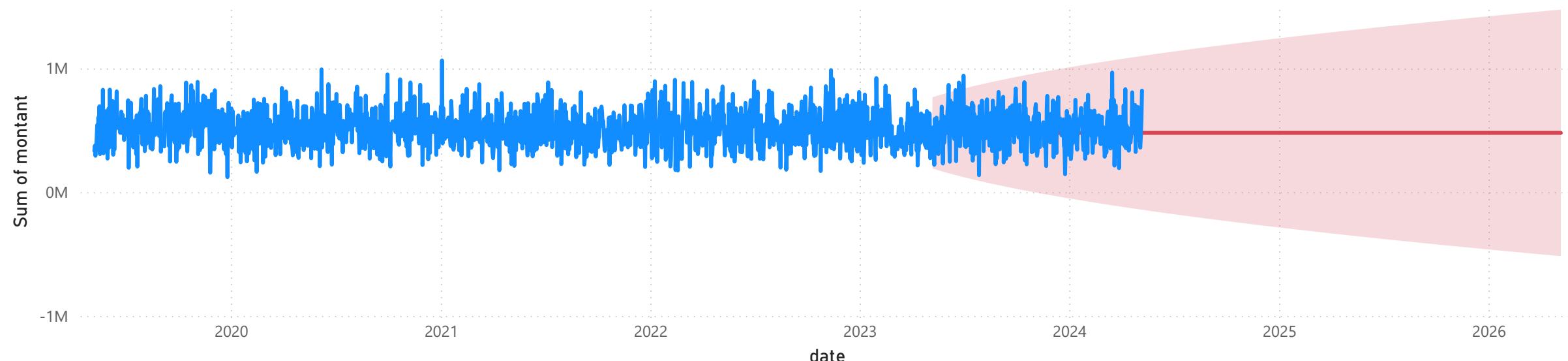
Reimbursement by Age Group



Monthly Montant Trend and Forecast (2020–2026) using Prophet



Sum of montant by date 2025-2026 prediction using forecasting



Forecast & Prediction

Intelligent Q&A



Ask a question about your data



Try one of these to get started

top typebloods by total patients

top age groups by total patients

what is the total hospitals by hopitale

what is the total patients by typeblood

what is the total patients by age group

Show all suggestions

Pharmacy Reimbursement Analysis

Executive Report

Period: 2019–2024 | Total Reimbursement: 65.07M

Prepared by: Ranim Abidi

Professional Master in Intelligent Web Applications (AWI2)

December 2025

Section 1: Project Overview

This dashboard provides a comprehensive analysis of pharmacy reimbursement data ("montant") over 6 years (2019–2024).

Key metrics:

- Total reimbursement amount: 65.07 million
- 55,500 unique patients
- 1,855 distinct medicaments prescribed
- Activity across 36 hospitals and 40,000 doctors

Section 2: Key Findings

- Drug concentration: Top 5 medicaments (Aspirin, Penicillin, Lipitor, Ibuprofen, Paracetamol) account for the majority of costs
- Patient demographics: Spending peaks in middle-aged groups (40–60 years), with near-equal gender distribution
- Hospital performance: Significant variation, with a few facilities driving most reimbursement
- Temporal patterns: Clear daily decline toward month-end and seasonal monthly fluctuations

Section 3: Trends & Observations

- Daily trend shows consistent drop in spending at month-end, likely linked to prescription renewal cycles
- Annual growth stable with minor fluctuations
- High concentration in few drugs and hospitals suggests 80/20 (Pareto) distribution

Section 4: Recommendations

- Optimize inventory and negotiate pricing for top 5 medicaments
- Conduct efficiency audits at high-spending hospitals
- Develop targeted health programs for middle-aged patient segment
- Monitor end-of-month patterns to improve cashflow planning
- Implement predictive forecasting for future budgeting and resource allocation

Section 5: Conclusion

This analysis transforms raw reimbursement data into actionable business intelligence, enabling better cost control, inventory management, and strategic planning in pharmacy operations.

The integration of descriptive and temporal analysis demonstrates the power of BI tools in healthcare decision-making.