

FINANCIAL DATA ANALYSIS DASHBOARD **HOUSEHOLD INCOME & EXPENDITURES INSIGHTS**

REAL-TIME INSIGHTS FROM TABLEAU DASHBOARD

K VIVEK KUMAR



PROBLEM STATEMENT

ORGANIZATIONS AND DECISION-MAKERS OFTEN ENCOUNTER DIFFICULTIES IN UNDERSTANDING AND COMPARING HOUSEHOLD FINANCIAL PATTERNS ACROSS DIFFERENT DEMOGRAPHIC AND GEOGRAPHIC GROUPS. TRADITIONAL SPREADSHEET-BASED METHODS CAN BE TIME-CONSUMING AND FAIL TO CAPTURE MULTI-DIMENSIONAL INSIGHTS, MAKING IT CHALLENGING TO:

- IDENTIFY VARIATIONS IN INCOME LEVELS ACROSS PROVINCE, AGE GROUPS, AND FAMILY TYPES.
- EXAMINE EXPENDITURE PATTERNS BY INCOME QUINTILE AND DEMOGRAPHIC CATEGORY.
- EVALUATE THE COST BURDEN ON HOUSEHOLDS RELATIVE TO INCOME.
- SUPPORT PLANNING, BUDGETING WITH ACCURATE, VISUAL INSIGHTS.

PROJECT OBJECTIVES

- **KEY METRICS :**

- YEARLY INCOME GROWTH RATE.
- YEAR-OVER-YEAR EXPENDITURE GROWTH.
- AVERAGE HOUSEHOLD INCOME.
- AVERAGE HOUSEHOLD EXPENSE.
- INCOME QUINTILE SHARE.
- TOP EXPENSE CATEGORIES.
- TOP SPENDING CATEGORIES FOR SENIORS.
- AVERAGE HOUSEHOLD INCOME BY PROVINCIAL.
- DEMOGRAPHIC EXPENSE SHARE.

- **FEATURES OF POWER BI :**

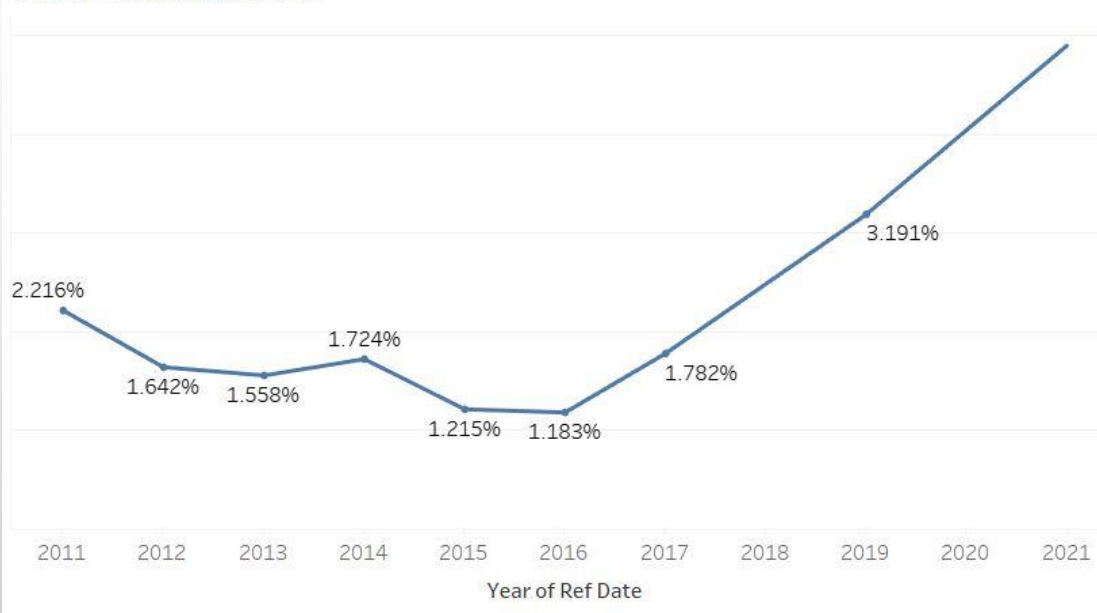
- DATA VISUALIZATION AND ANALYSIS WITH INTERACTIVE DASHBOARDS AND SEAMLESS DATA INTEGRATION.

- **VISUALS :**

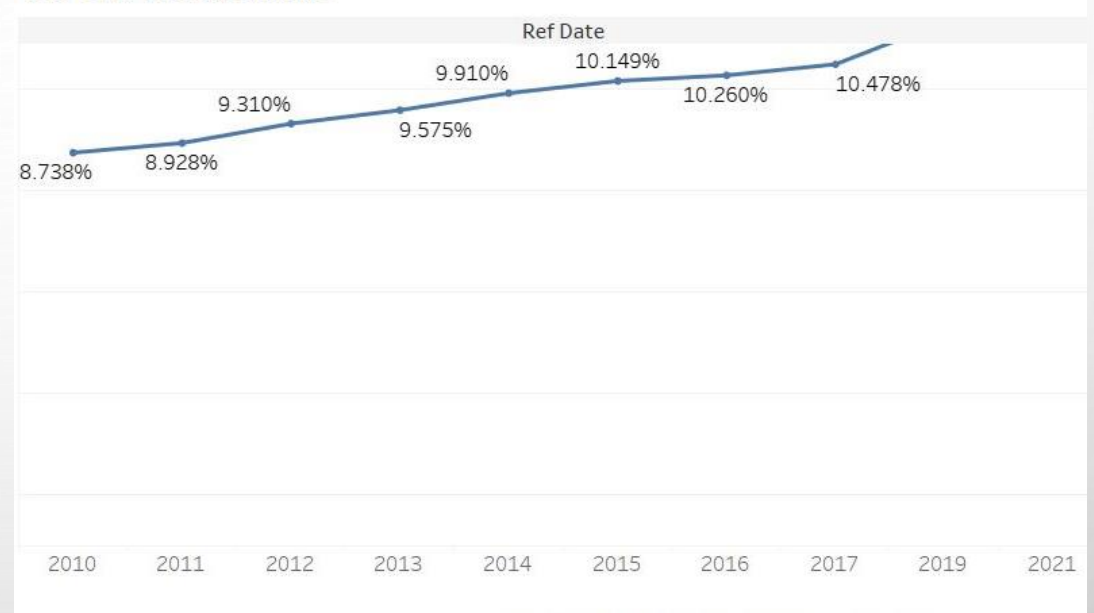
- SCREENSHOT OF TABLEAU DASHBOARD SHOWING THE OVERALL FINANCIAL ANALYSIS.

YEARLY TRENDS IN INCOME & EXPENSES

Income Evolution Over Year



Year-Over-Year Expenditure



- Average income: 180,480 | Avg expense: 9,628.
- Income shows an upward trend post-2017.
- Expenses are rising steadily year-over-year.

HOUSEHOLD EXPENSE BY INCOME LEVEL

	Food pur..	Owned li..	Principal..	Shelter	Transpo..	Grand To..
Highest quinti..	29.11%	37.46%	29.11%	31.01%	34.29%	31.98%
Fourth quintile	23.58%	26.56%	23.15%	22.99%	24.73%	24.00%
Third quintile	19.16%	18.00%	18.96%	18.53%	19.19%	18.77%
Second quintile	16.31%	11.52%	15.74%	15.14%	13.47%	14.53%
Lowest quintile	11.84%	6.46%	13.04%	12.33%	8.32%	10.73%

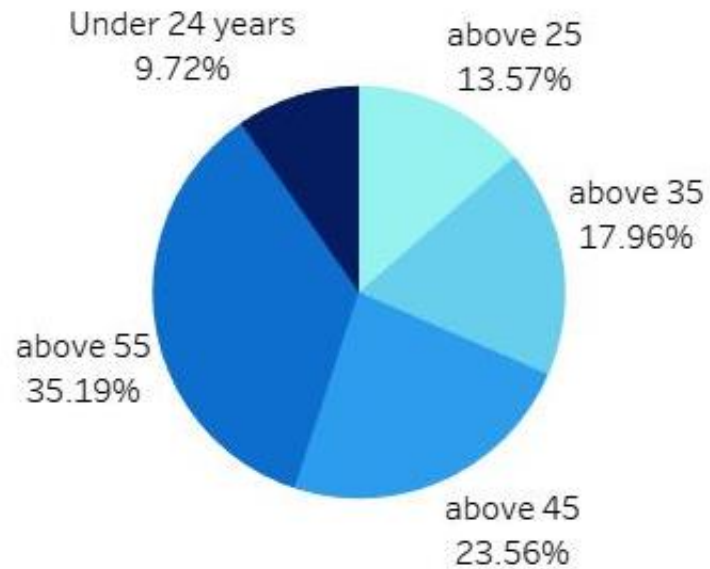
- Higher quintiles spend more on shelter, transport, and owned living allocating **31.98%** of their total expenditures to these categories.
- Lower quintiles allocate more towards food and basic needs.

SENIOR CITIZEN SPENDING TRENDS

Top 10 Spending Categories for Seniors

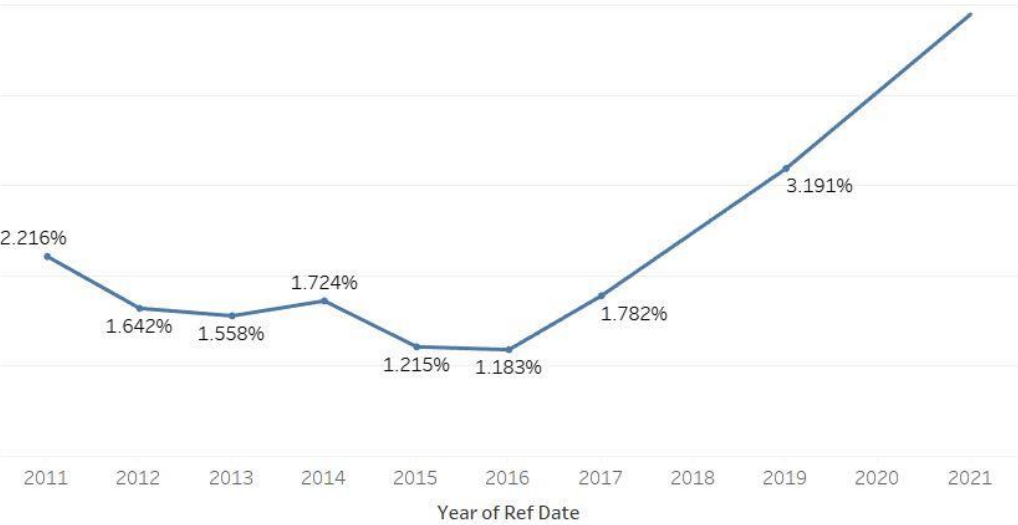
Shelter	21.95%
Principal accommodation	18.64%
Transportation	18.31%
Owned living quarters	14.27%
Food purchased from stores	8.14%
Household operations	6.63%
Clothing and accessories	5.11%
Water, fuel and electricity for principal accom..	3.42%
Communications	2.80%
Rented living quarters	0.73%

HOUSEHOLD EXPENSES BY AGE

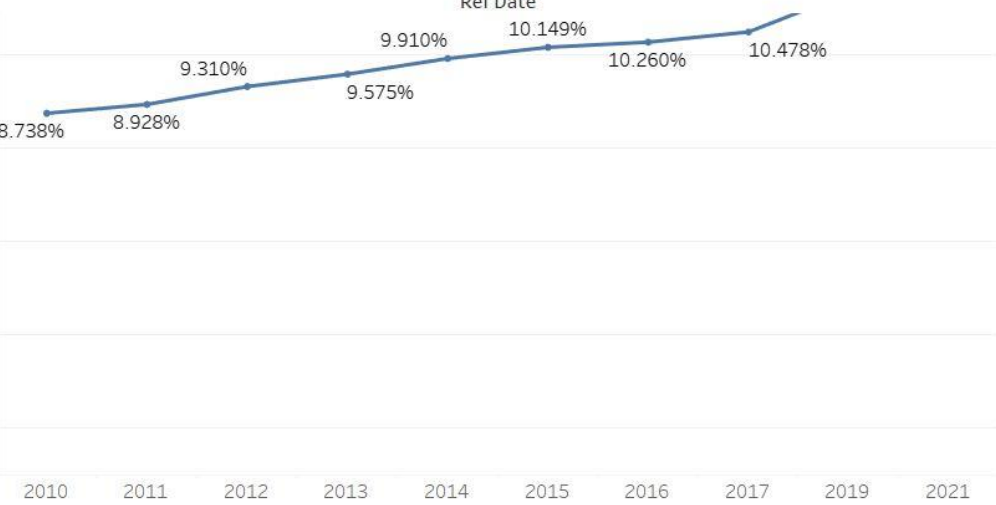


- Age 55+ represents the largest spending group at 35.19%
- Household expenditure for individuals under 24 years is the lowest among all age groups, at 9.72%.

Income Evolution Over Year



Year-Over-Year Expenditure



Average Income	180,480
Average Expense	9,628

Income Quintile Share

Fourth quintile	29.07%
Third quintile	26.82%
Highest quintile	26.75%
Second quintile	16.54%
Lowest quintile	0.82%

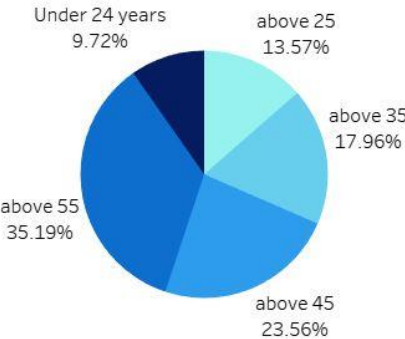
Top 5 Household Expense Categories Across Quintiles

	Food pur..	Owned li..	Principal..	Shelter	Transpo..	Grand To..
Highest quinti..	29.11%	37.46%	29.11%	31.01%	34.29%	31.98%
Fourth quintile	23.58%	26.56%	23.15%	22.99%	24.73%	24.00%
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Household Expenses by Demographics



Average Household Income Across Province

Province 1	1,769,301
Province 2	24,518
Province 3	8,164
Province 4	3,896
Province 5	41,539
Province 6	18,020
Province 7	34,589
Province 8	1,064
Province 9	397,828
Province 10	4,571
Province 11	37,990
Province 12	3,008
Province 13	1,754

Financial Data Analysis Dashboard

Household Income & Expenditures Insights