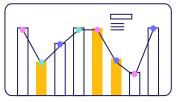
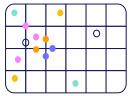
My Portfolio.

The data set that I work on.

BY: MUHAMMAD FANDI

2024





Hi, i'm Fandi.

I'm an economics graduate from Andalas University in 2022, looking for an opportunity in the field of data analysis to enhance my newly developed technical skills. Comfortable processing data with Excel, Stata, Eviews, SPSS, MYSQL, Power BI, Tableau, JupyterNotebook, and Python.







Skills, Abilities, and Certifications



Programming Languages	SQL, Python 3 (Libraries : NumPy, pandas, scikit-learn, Matplotlib), Stata, and Eviews
Visualization tools	Tableau and Power BI
Data Anaysis	Exploratory Data Analysis, Descriptive Statistics, Cohort Analysis, logistic regression model
Exel/Sheets	
Data Storytelling Skils	
Certification	Dicoding Academy (Basic SQL) Link Here, Stata (LPER Andalas University) Link Here





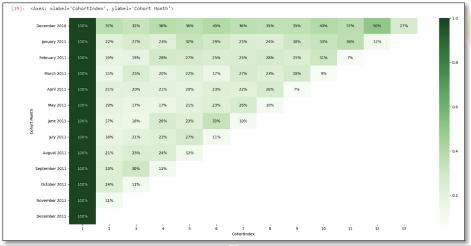
Relevant Projects

- Cohort Analysis (Python)
- Logistic Regression (Python)
- Descriptive Analyst (SQL)
- Tableau and Power BI Dasboard

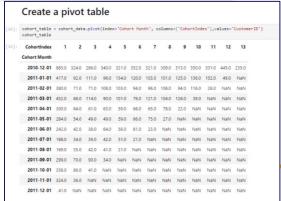


Cohort Analysis (Python)

Created a monthly retention cohort using Online Retail dataset to know how many (%) of users that returned after creating their first post using Python in Jupyter Notebook



		InvoiceNo	StockCode	Description	Quantity	InvoiceDate	UnitPrice	CustomerID	Country						
	0	336365	85123A	WHITE HANGING HEART T-LIGHT HOLDER	6	12/1/2010 8:26	2.55	17850	United Kingdom						
	1	516165	71053	WHITE METAL LANTERN	6	12/1/2010 8:26	3.39	17850	United Kingdom						
	2	536365	844068	CREAM CUPID HEARTS COAT HANGER		12/1/2010 8:26	2.75	17850	United Kingdom						
	3	536365	84029G	KNITTED UNION FLAG HOT WATER BOTTLE	6	12/1/2010 8:26	3.39	17850	United Kingdom						
	4	536365	840296	RED WOOLLY HOTTLE WHITE HEART.	6	12/1/2010 8:26	3.39	17850	United Kingdom						
	-	-	-	-		-	-	-	-						
3	97925	581587	22613	PACK OF 20 SPACEBOY NAPKINS	12	12/9/2011 12:50	0.85	12680	France						
3	97926	581587	22899	CHILDREN'S APRON DOLLY GIRL	6	12/9/2011 12:50	2.10	12680	France						
3	97927	581587	23254	CHILDRENS CUTLERY DOLLY GIRL	. 4	12/9/2011 12:50	4.15	12680	France						
3	97928	581587	23255	CHILDRENS CUTLERY CIRCUS PARADE	4	12/9/2011 12:50	4.15	12680	France						
3	97929	581587	22138	BAKING SET 9 PIECE RETROSPOT	3	12/9/2011 12:50	4.95	12680	France						
[4]: d	data.inf	0()								8	1	+	*	7	
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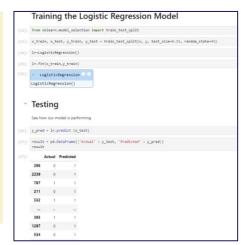


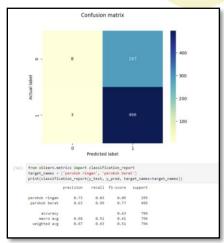


Python/Github Link

Logistic Regression (Python)

The logistic regression model is used to examine the influence of independent variables on a dependent variable. In this study, logistic regression is employed to identify factors related to household cigarette consumption in the 24 provinces of West Sumatra. The choice of this model is due to the nature of the variables in the research specifically, they are dummy variables with binary values of either one or zero.







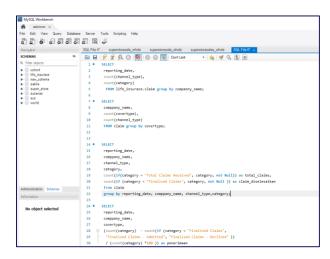


Descriptive Analyst (SQL)

This data analysis attempts to report statistics on claims and disputes for life insurance companies in Australia, with data from June 2018 to June 2023.

Problem Statement:

- 1. The total claims and disputes processed by insurance companies.
- 2. The average time taken by companies to settle claims.
- 3. The number of disputes filed by consumers regarding claims with the company.
- 4. The top 3 types of claims that are most frequently filed.





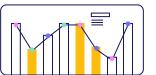
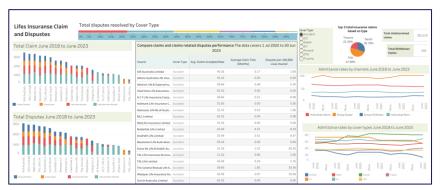
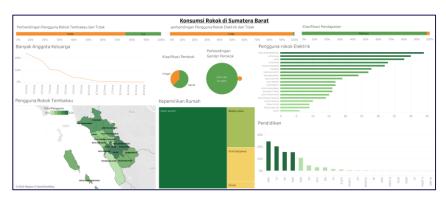


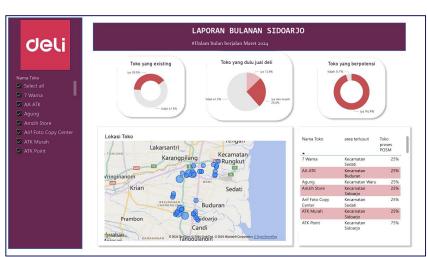


Tableau and Power BI Dasboard



Link: Life Insuranse Claim





Link: Power BI







Thank You

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Muhammad Fandi