Project Clockster

Team 17

Alicia

Marina

Rommel

Michael

Francis

Fritz

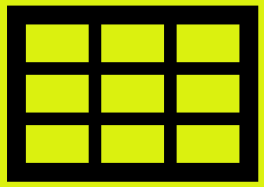
Team Lead

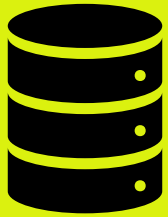
Problem

How’s employee attendance?

- Most disciplined and undisciplined employees and divisions
- Weekdays and months with most leaves and absences
- Favorites of heads in different departments

Methodology





Pre-cleaning

MS Excel

Data cleaning

PostgreSQL

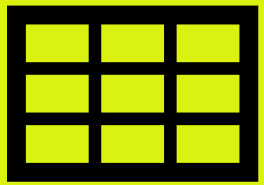
Analysis

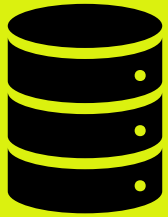
Power BI

Visualization

Power BI

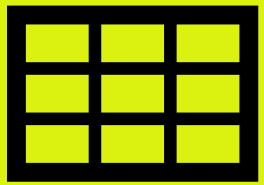
Methodology





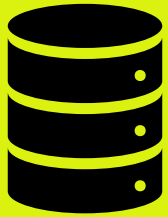
Pre-cleaning	Data cleaning	Analysis	Visualization
MS Excel	PostgreSQL	Power BI	Power BI

Methodology



Pre-cleaning

MS Excel



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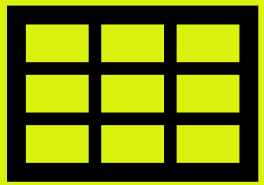
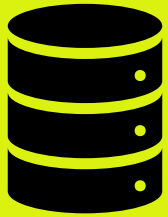


Pre-cleaning

MS Excel



Data cleaning

PostgreSQL

Analysis

Power BI

Visualization

Power BI

RUMAH
MEDICAL CENTER

Department
- Medical
- PBF
- Pharmacy
- Support Centre

Location
- Celuk
- Clinic
- Gunung Catur
- Nu Orange
- Office

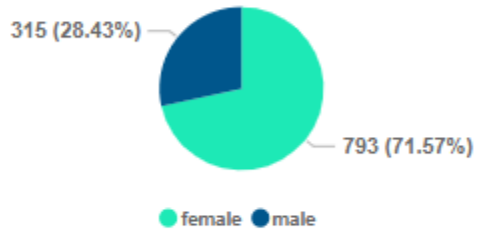
Position
- Business Admins
- Development Director
- Doctor
- Finance & Accounting
- General Manager
- IT Supervisor
- Legal Officer
- Marketing Staff
- Midwife
- Nurse
- Personal Assistance
- Pharmacist
- Pharmacist Assistant
- President Director
- Purchasing

77 Employees

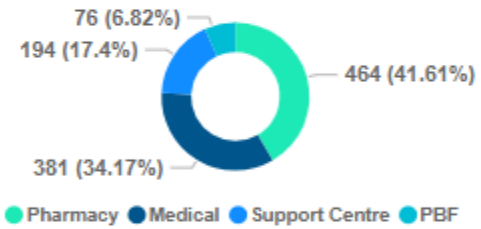
4 Departments

5 Location

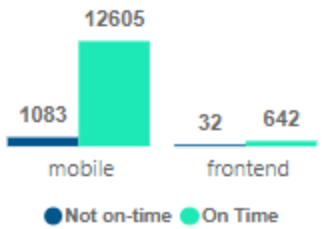
Undertime Count by Gender



Undertime Count by Department



Undertime Count by Time-in Source



Table

Top 10 (by Count)

Chart

Undisciplined

User ID	
	100%
75218	82
74054	81
79738	64
83888	63
74050	54
79765	48
74639	47
74465	45
128325	44
74049	42
	51.2%

Disciplined

User ID	
121592	0
75834	0
75839	0
75986	0
84490	1
84932	1
93607	1
75848	2
83893	2
83894	2
85877	2
90862	2

Filters

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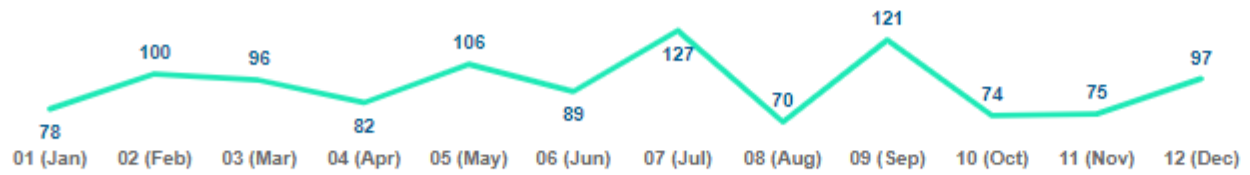
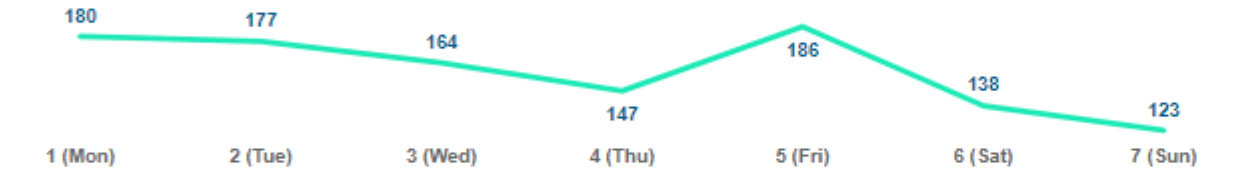
- Purchasing
- Warehouse Officer - Purchas...

Undertime Trending

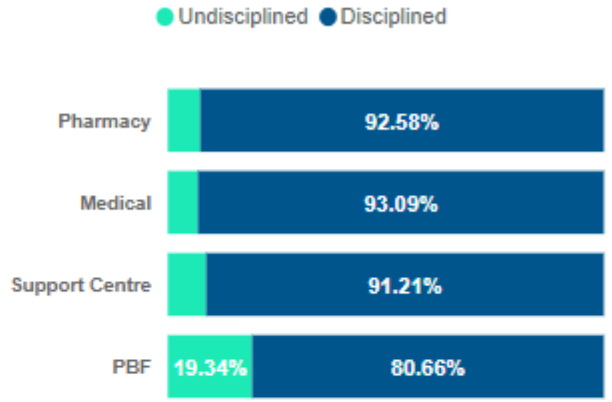
Month



Weekdays

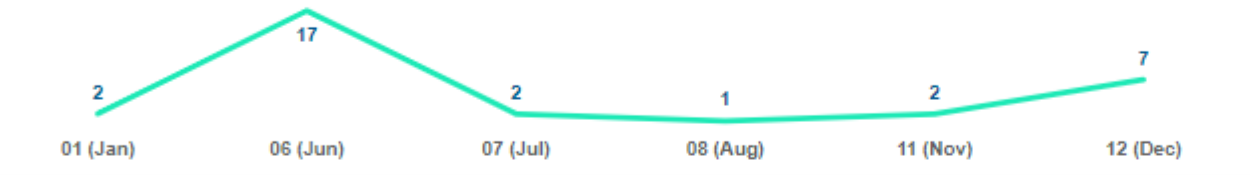


Disciplined vs. Undisciplined

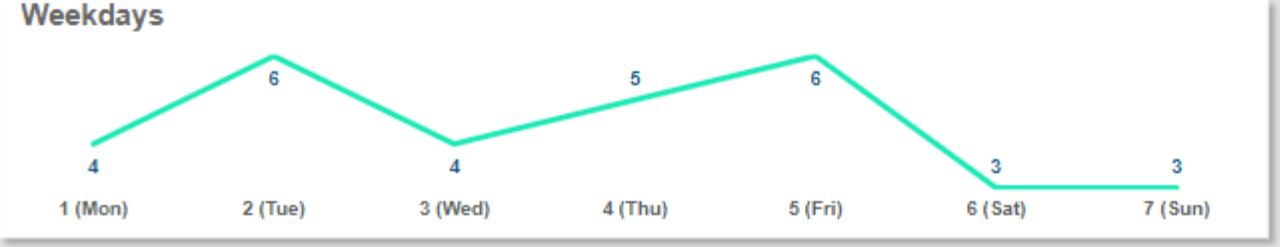


Leaves Trending (Vacation & Sick)

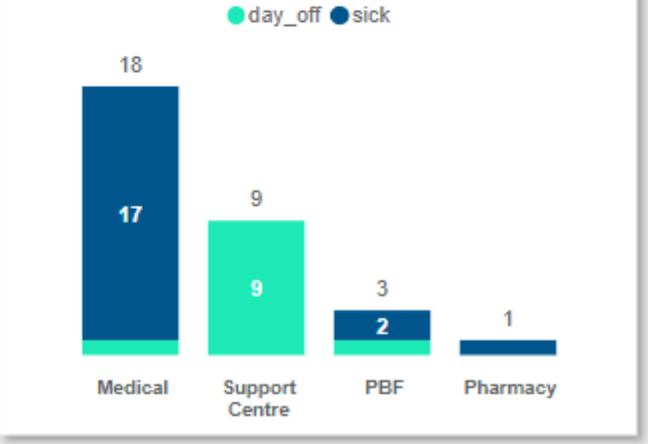
Month



Weekdays



Leaves by Count



Filters

RF_GP2_PowerBI(Final 2), Dashboard 2
Data updated on 3/26/23, 11:56 AM

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22%
Highest % Tardiness

12%
Lowest % Tardiness

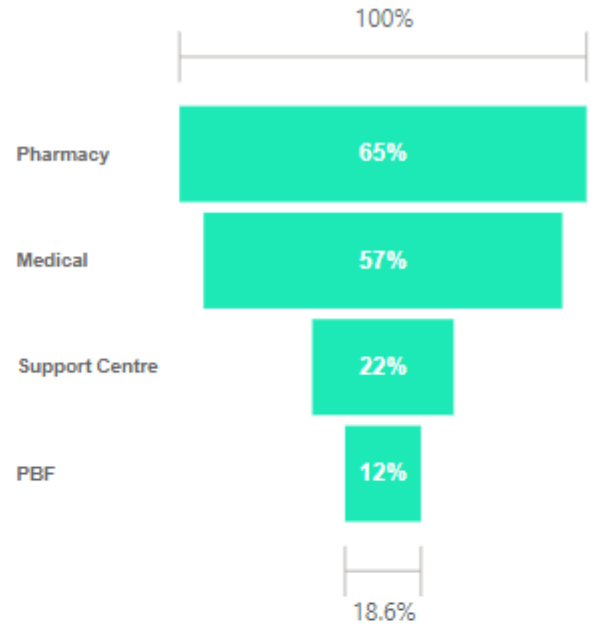
Accepted Leave Requests vs Undertime

Department	User ID	Position	Gender	Accepted Leaves	# of Undertime/Late
Medical	74049	Nurse	female	18	42
Pharmacy	74054	Pharmacist Assistant	female	6	81
Pharmacy	74465	Pharmacist Assistant	female	6	45
Pharmacy	74639	Pharmacist Assistant	female	6	47
Pharmacy	83888	Pharmacist Assistant	female	6	63
Medical	74050	Nurse	male	4	54
Medical	79738	Nurse	male	4	64
Medical	79765	Nurse	male	4	48
Support Centre	75218	IT Supervisor	male		82
PBF	128325	not specified	female		44

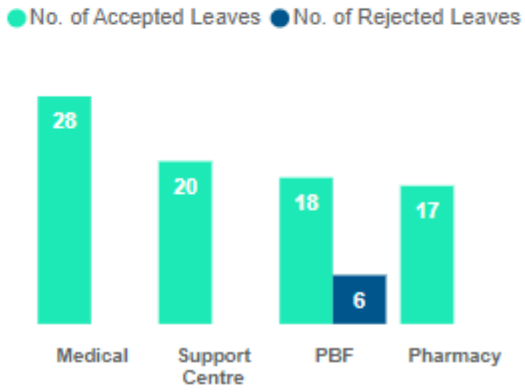
Rejected Leave Requests vs Undertime

Department	User ID	Position	Gender	Rejected Leaves	# of Undertime/Late
Support Centre	75218	IT Supervisor	male		82
Pharmacy	74054	Pharmacist Assistant	female		81
Medical	79738	Nurse	male		64
Pharmacy	83888	Pharmacist Assistant	female		63
Medical	74050	Nurse	male		54
Medical	79765	Nurse	male		48
Pharmacy	74639	Pharmacist Assistant	female		47
Pharmacy	74465	Pharmacist Assistant	female		45
PBF	128325	not specified	female		44
Medical	74049	Nurse	female		42

Percent Tardiness by Department



No. of Accepted Leaves and No. of Rejected Leaves by department



Filters

RF_GP2_PowerBI(Final 2), Dashboard 3
Data updated on 3/26/23, 11:56 AM

Recommendations

Clearer **tardiness policies**

Proper **clock-in and clock-out** practices

Sanction policies

Improve **data gathering**

Reward system