Cyber Security Breaches Dashboard

Breaches Analysis & Summary

WHAT IS CYBER SECURITY

Cyber Security is the application of technologies, processes and controls to protect systems, networks, programs, devices & data from cyber attacks.

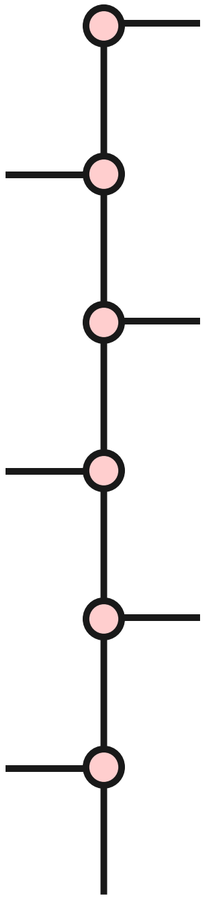
It aims to reduce the risk of cyber attacks and protect against the unauthorised exploitation of systems, networks & technologies

About the use case

To develop the basic understanding of analysis of the Cybersecurity breaches occurred in the past and how many breaches are currently open, Number of employees are affected by it and the types of Breaches

ANALYTICS PROJECT LIFE CYCLE

The 6 Phases



UNDERSTAND & PLAN

Translate the business question to analytics question

DATA

Work cross functionally to gather and process data

ANALYSIS

Solve problems

PRESENTATION

Present results and tell a story

DOCUMENTATION & REFLECTION

Make your project a happy ending

MODIFICATION

Take feedbacks and modify/improve your presentations

DASHBOARD MAIN COMPONENTS

Home Page

Showcasing the high level KPIs and redirection to other sub pages

Employee Ranking

Providing Ranking of the Employee who solved most breaches

Department Analysis

Providing Insight of the department Breaches occur more

Branch Analysis

Providing Insight of the Branches where Breaches occur more

Summary

Summary table

KPI

- Total Breaches.
- Open Breaches
- Closed Breaches
- Employee Strength
- AVG Breach End Days
- Estimate Stole Data (GB)
- Affected Employees %
- Secured Employees %
- Affected Employees
- Secured Employees
- Find out Breach Employees

DASHBOARD DESIGN

CYBERSECURITY BREACHES

Home | Employee Ranking | Department Analysis | Branch analysis | Summary

TOTAL BREACHES

1,055

OPEN BREACHES

910

CLOSED BREACHES

145

AVG BREACH END DAYS

243.63

ESTIMATE STOLE DATA (GB)

138K

AFFECTED EMPLOYEES

16M

SECURED EMPLOYEES

3M

CYBERSECURITY BREACHES

Home | Employee Ranking | Department Analysis | Branch analysis | Summary

CountryBranch: All

Department: All

Branch: All

Employee(who find out breach): All

TOTAL BREACHES

1,055

FIND OUT BREACH EMPLOYEES

11

3rd

Rajesh Rana
136
12.89%

1st

Kareena Rathore
147
13.93%

2nd

Carlos Sultan
134
12.70%

#	Employee(who find out breach)	Employee URL	Total Breaches	Open Breaches	Closed Breaches	% of Breaches Found
11	Ahmad Butt		48	42	6	4.55%
10	Isma Zafar		50	44	6	4.74%
9	Umair Awan		61	53	8	5.78%
8	Ali Khan		74	60	14	7.01%
7	Khalida Kapoor		86	70	16	8.15%
6	David Carlos		97	88	9	9.19%
5	Diljit Rana		99	85	14	9.38%
4	Choby Khanna		123	111	12	11.66%

CYBERSECURITY BREACHES

Home | Employee Ranking | Department Analysis | Branch analysis | Summary

CountryBranch: All | Department: All | Branch: All | Employee(who find out breach): All

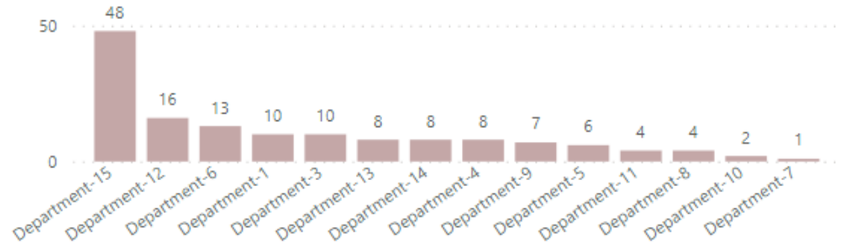
TOTAL BREACHES

1,055

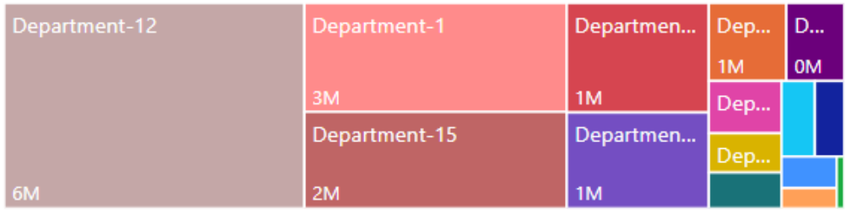
TOP BREACH DEPARTMENT

Department-15

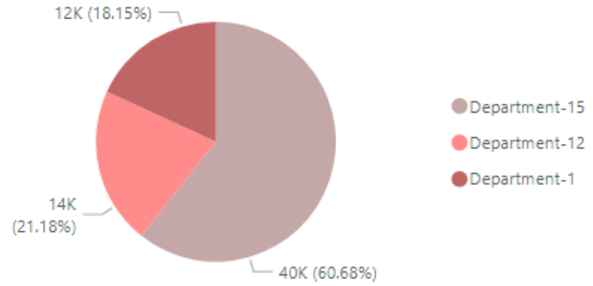
Closed Breaches and Total Breaches by Department



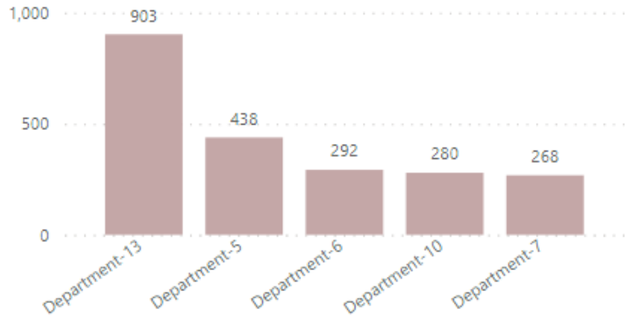
Affected Employees and Total Employees Strength by Department



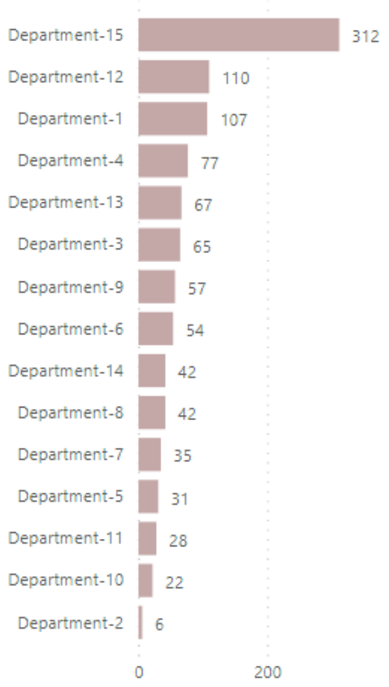
Estimate Stole Data (GBs) Of Top 3 Department



Avg Breach End Days Of Top 5 Department



Total Breaches and Open Breaches by Department



CYBERSECURITY BREACHES

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TOTAL BREACHES

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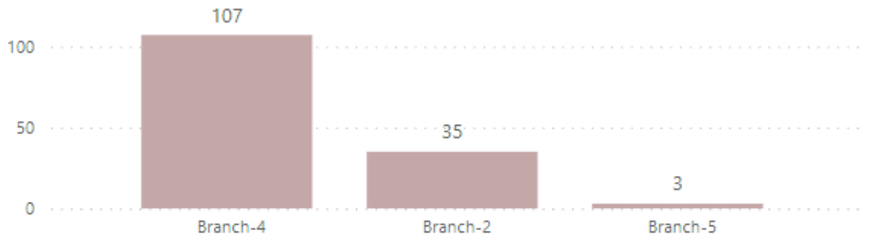
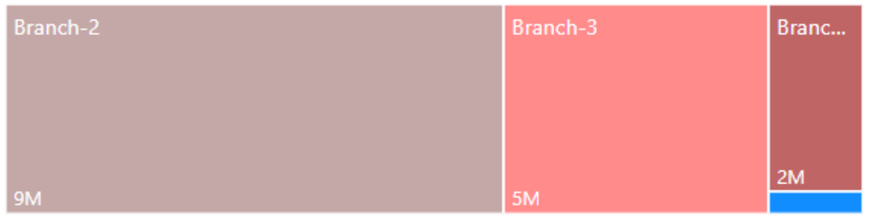
TOP BREACH DEPARTMENT

Branch-2

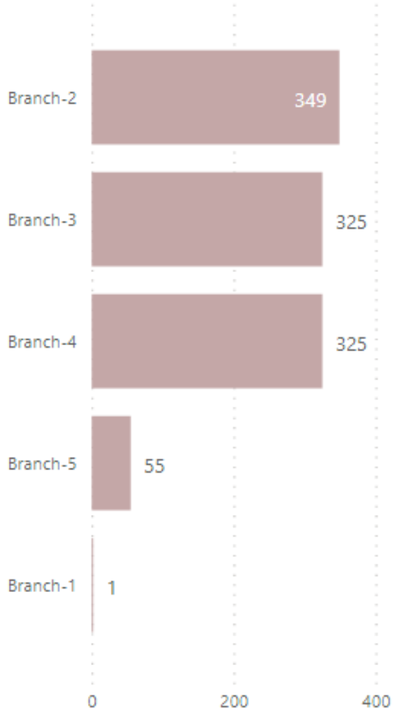
Closed Breaches and Total Breaches by Branch



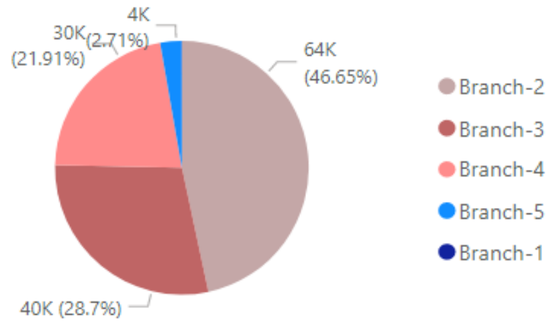
Affected Employees and Total Employees Strength by Branch



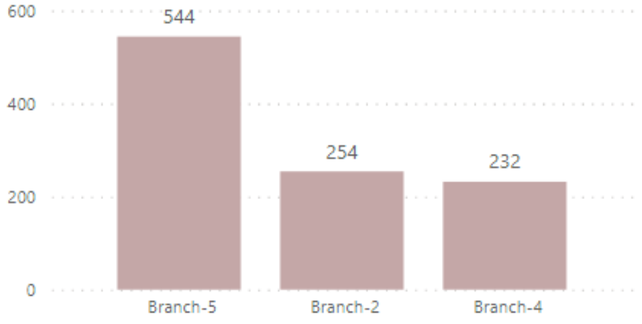
Total Breaches and Open Breaches by Branch



Estimate Stole Data (GBs) by Department



Avg Breach End Days by Department



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Employee(who find out breach): All

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EMPLOYEES STRENGTH
19M

AVG BREACH END DAYS
243.63

ESTIMATE STOLE DATA (GB)
138K

AFFECTED EMPLOYEES %
81.96%

SECURED EMPLOYEES %
18.04%

AFFECTED EMPLOYEES
16M

SECURED EMPLOYEES
3M

FIND OUT BREACH EMPLOYEES
11

THANK YOU