

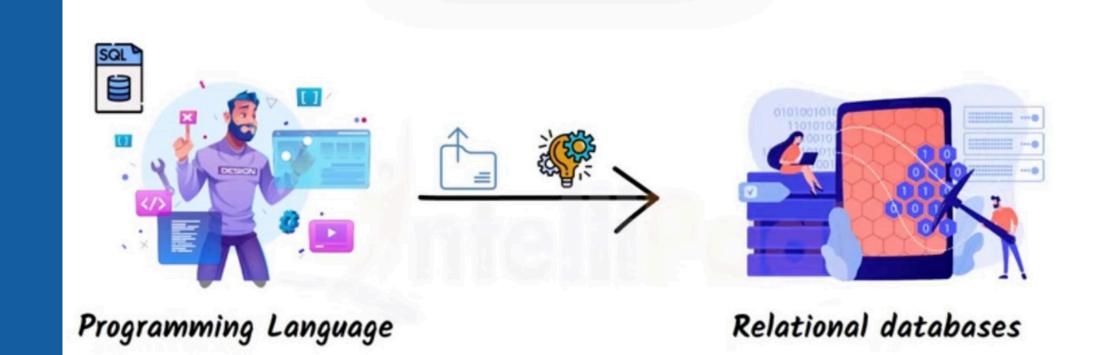
GROUPX
EDA PROJECT

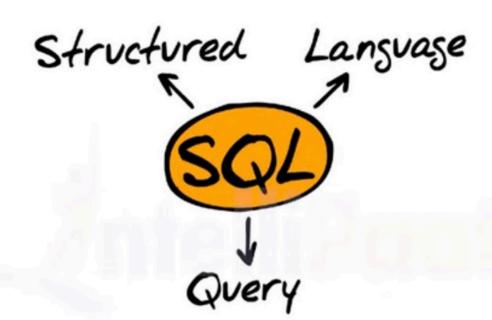


### INTRODUCTION

### What is SQL?







SQL is an acronym for Structured Query Language



SQL is the standard database language used by all RDBMS









Query language

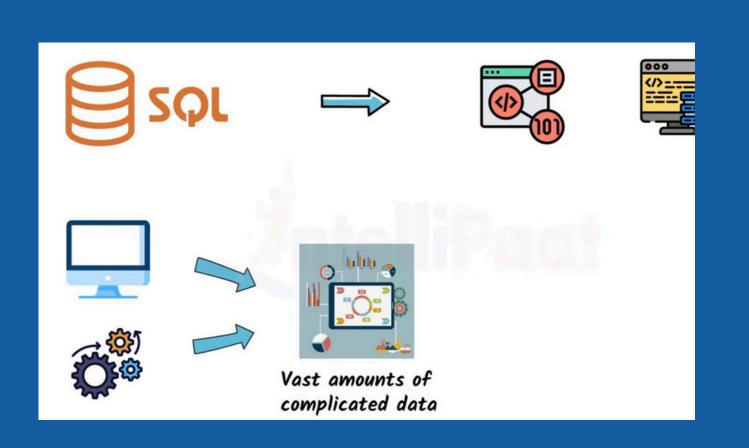
ANSI standard in 1986

150 standard in 1987

SQL is used by big companies



Used store data in the Back-end



### Applications of SQL:

SELECT: used to retrieve data from a database

INSERT: used to insert data into a database

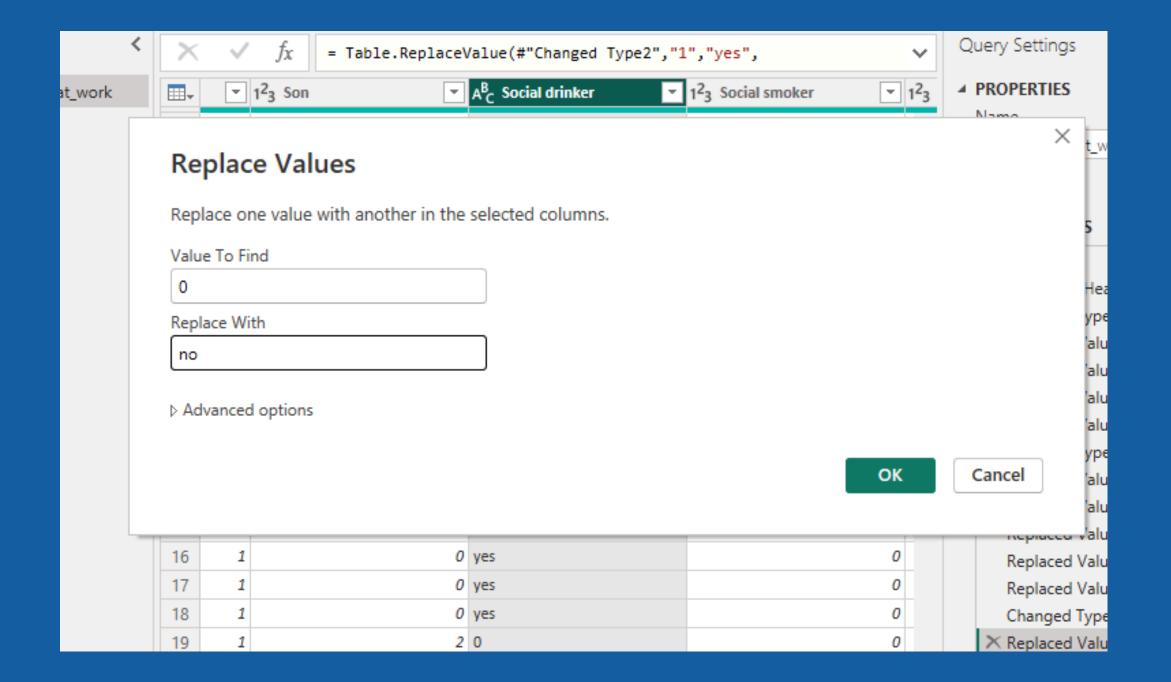
UPDATE: used to update existing data in a database

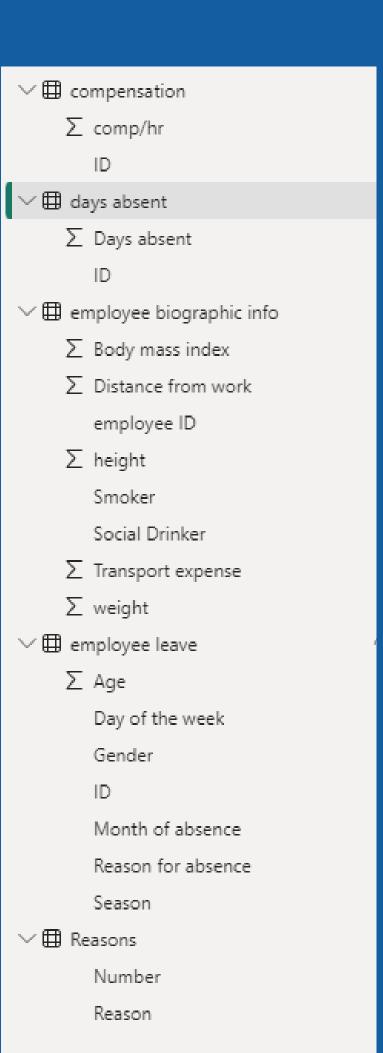
DELETE: used to delete data from a database

CREATE: used to create new tables, indexes, and other database objects

DROP: used to remove tables, indexes, and other database objects

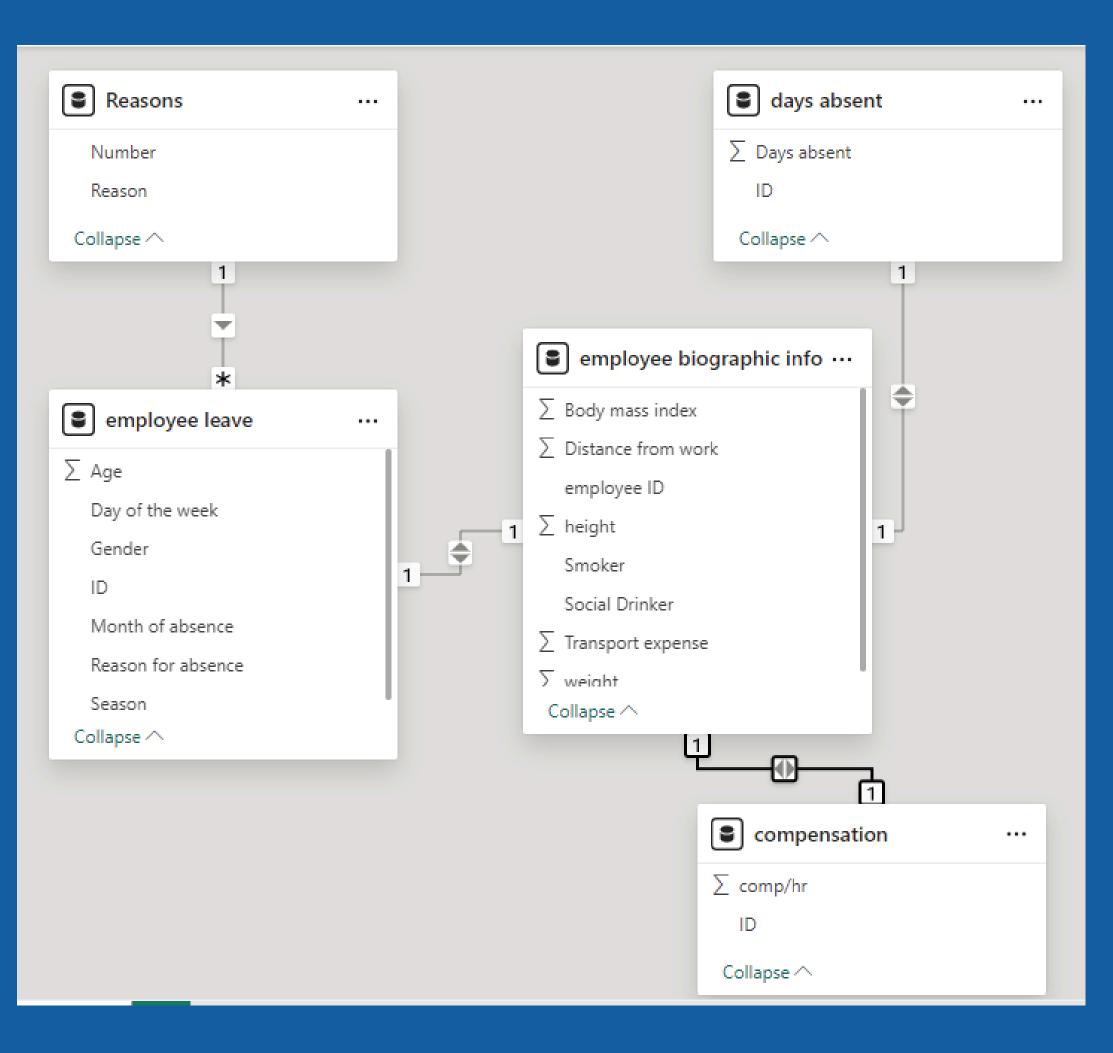
### Micrsoft Power Bl





## Data Analytics Tools

- Spreadsheet
- R
- Python
- Tableau



#### DATA STORAGE



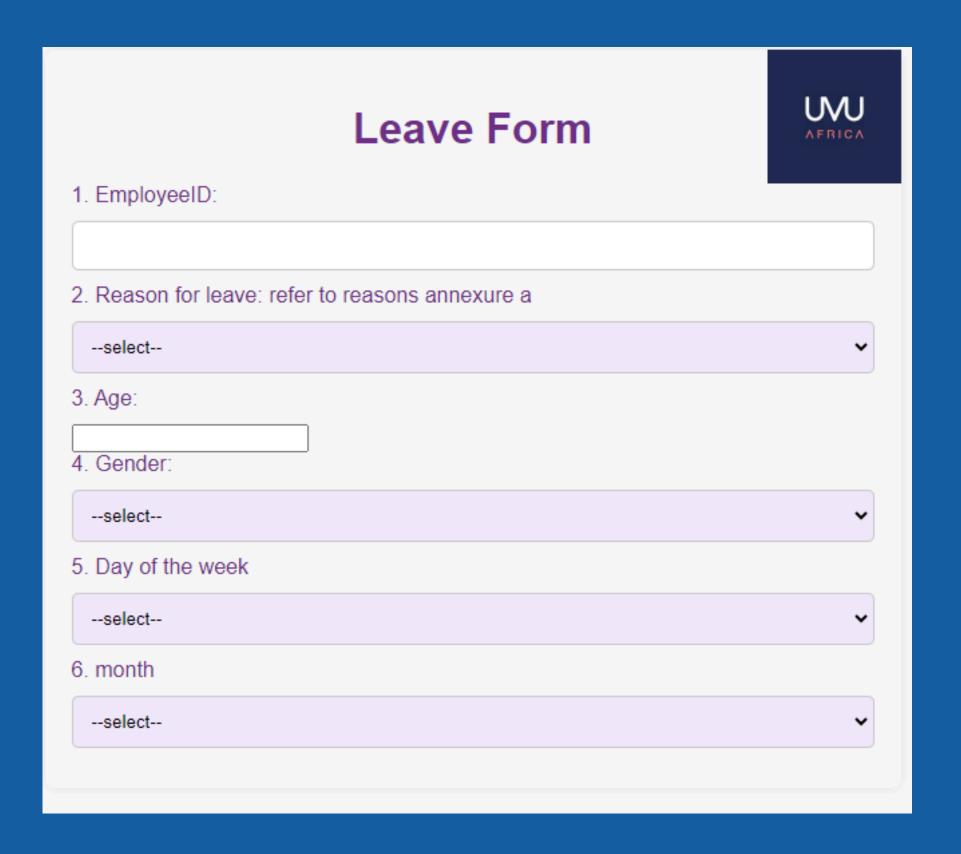






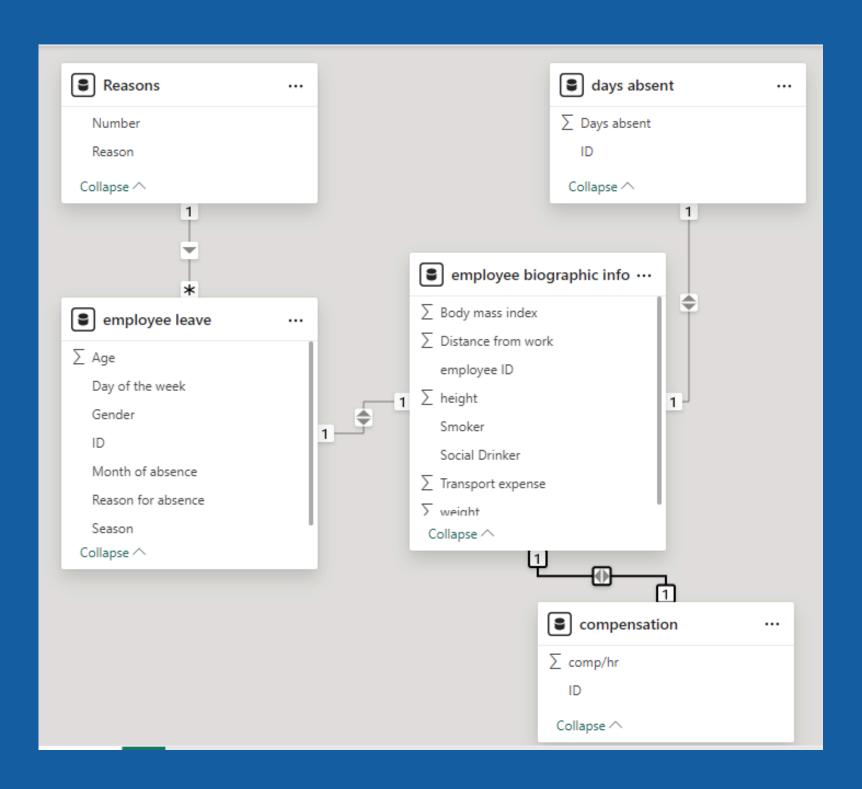
# PROJECT FILES AND DISCOVER

### DATA COLLECTION

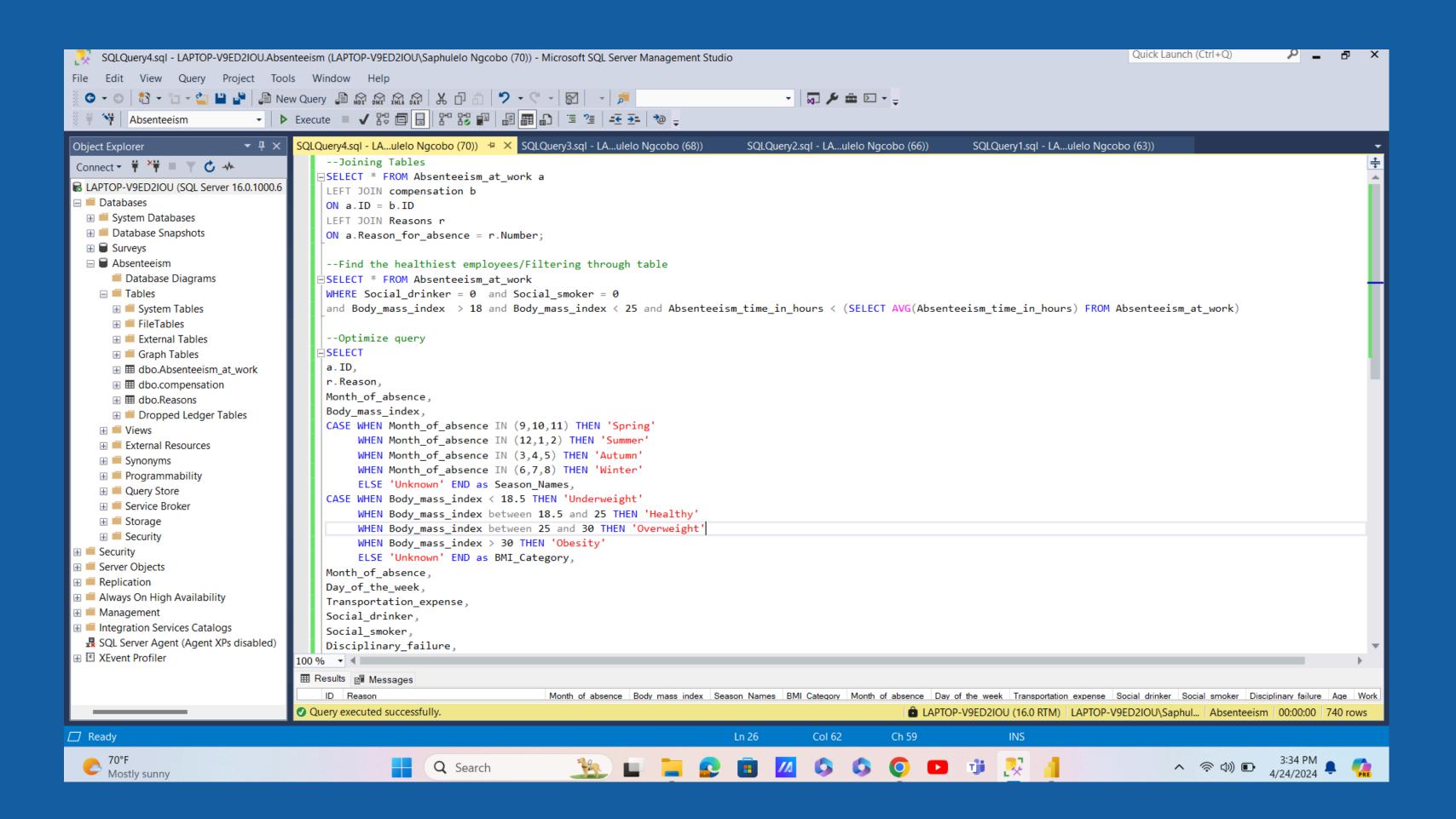


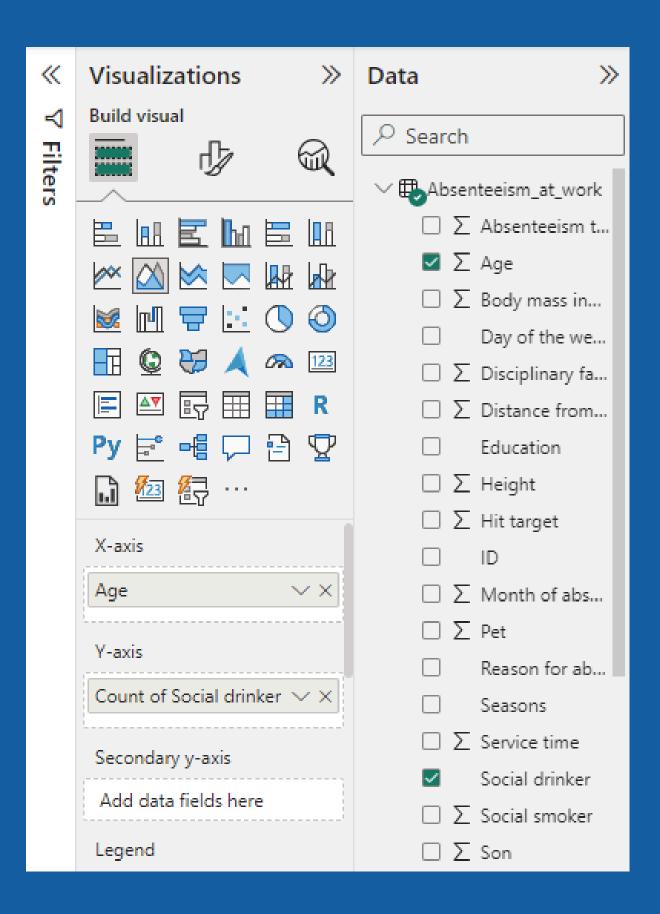
Employee Demographic Information						
B I U ⇔ ▼ Form description						
employee ID						
Short enswer text						
Distance from work						
Short enswer text						
Transport expense						
Short enswer text						
weight						
Short enswer text						
height						
Short enswer text						
Body mass index						
Short enswer text						

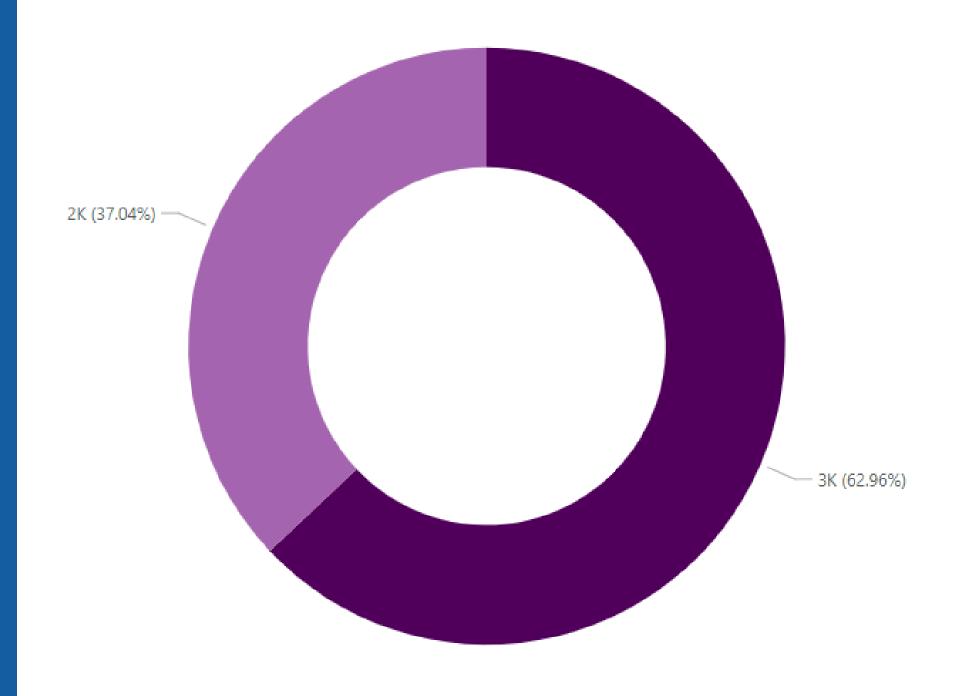
### DATA STORAGE

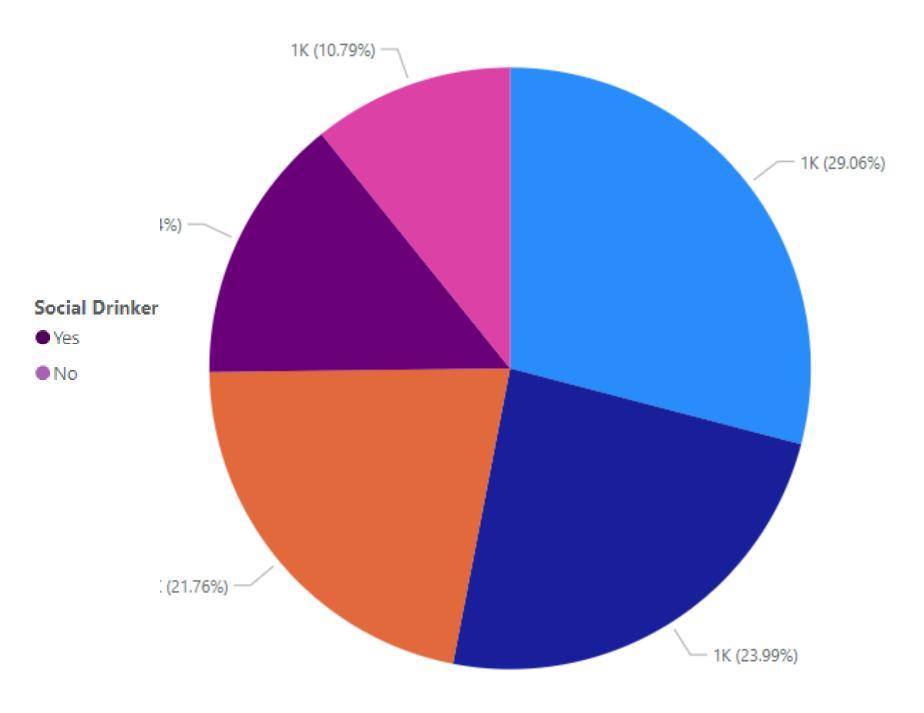


ID 🔻	Reason for absence	Age 🔽	Gender 💌	Day of the week	Month of absence	Season 💌
20	23	47	female	Wednesday	August	winter
30	23	38	female	Friday	August	winter
33	23	37	female	Thursday	August	winter
40	23	36	female	Friday	August	winter
42	23	37	female	Monday	September	spring
48	23	40	female	Thursday	September	spring
62	23	36	female	Friday	September	spring
64	23	37	female	Tuesday	October	spring
68	23	28	female	Friday	October	spring
70	23	28	female	Wednesday	October	spring
71	23	47	female	Wednesday	October	spring
72	23	40	female	Thursday	October	spring
82	23	28	female	Wednesday	November	spring
85	23	40	female	Thursday	November	spring
89	23	28	female	Wednesday	November	spring
91	23	28	female	Wednesday	November	spring
101	23	50	female	Wednesday	December	summer
114	23	28	female	Wednesday	January	summer
138	23	27	female	Friday	February	summer
142	23	33	female	Thursday	February	summer
148	23	28	female	Tuesday	February	summer
153	23	28	female	Tuesday	February	summer
172	23	28	female	Friday	March	autumn
175	23	28	female	Wednesday	March	autumn
186	23	28	female	Wednesday	April	autumn
189	23	34	female	Thursday	April	autumn
193	23	50	female	Thursday	April	autumn
194	23	40	female	Friday	April	autumn
224	23	40	female	Thursday	June	winter

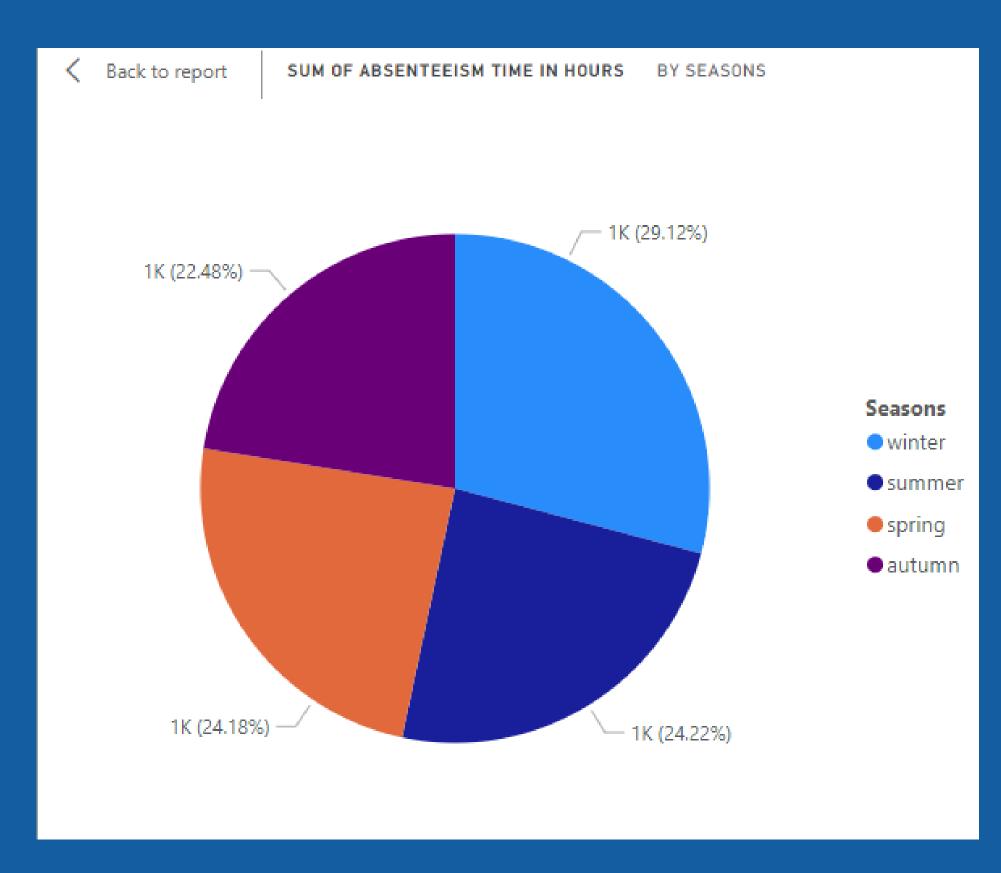


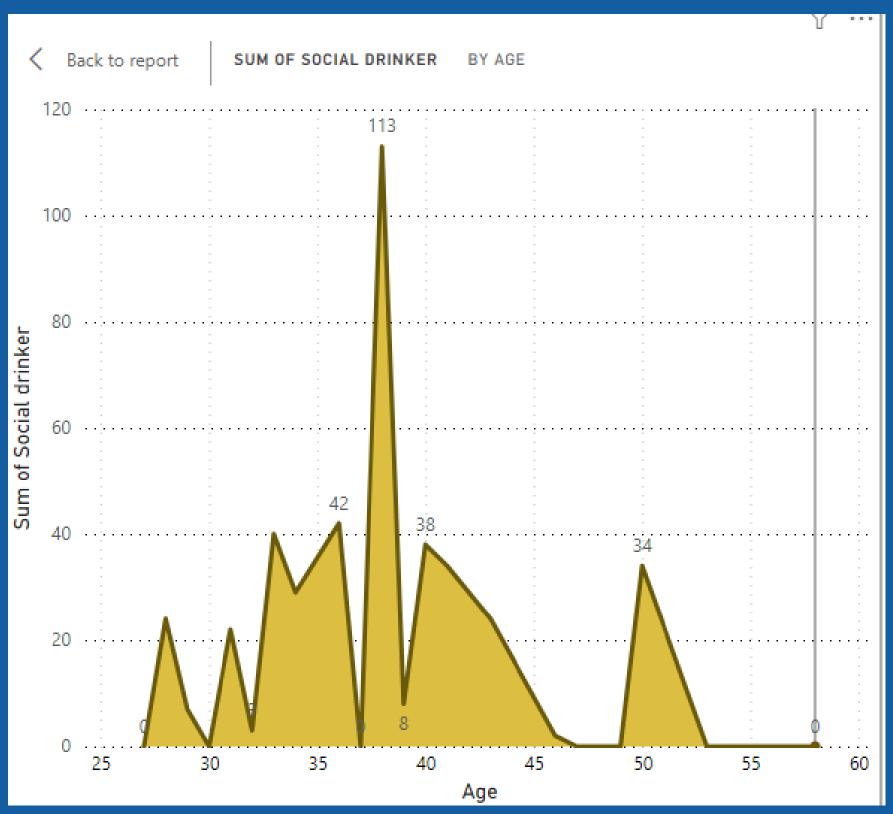






### DATA INSIGHTS





# THE END THANKYOU