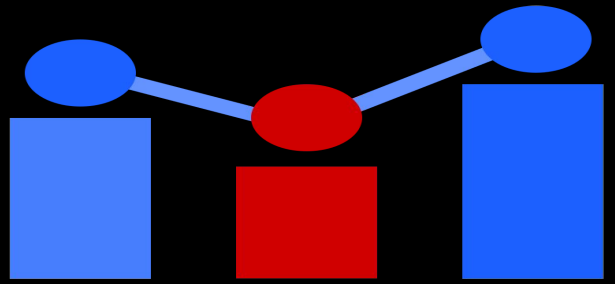
Generation

UNITED KINGDOM



DA-NAT4 - Group 2

DATA ANALYTICS PROGRAM
INTERIM PROJECT

Pearl Asare
Elsheikh Ibrahim
Dawit Atreso
Hamza Ibrahim
Abdulrahman Rajjoub
Alice Venables

SUPERVISOR: Randell Maree

Introduction and Topics

Regional Sales in Best Performing Country

Relationship between sick leave vs Job Title

Relationship between Total Leave Hours vs Bonus

Store Trading Duration vs Revenue

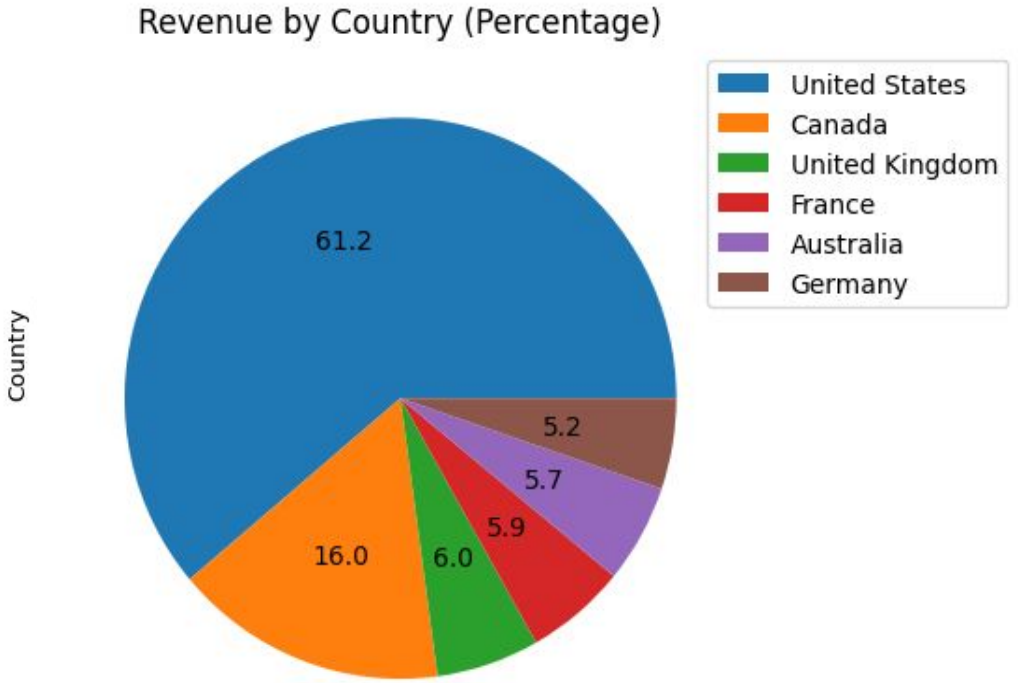
Relationship between Country and Revenue

Relationship between Size of Stores, Employee Count and Revenue

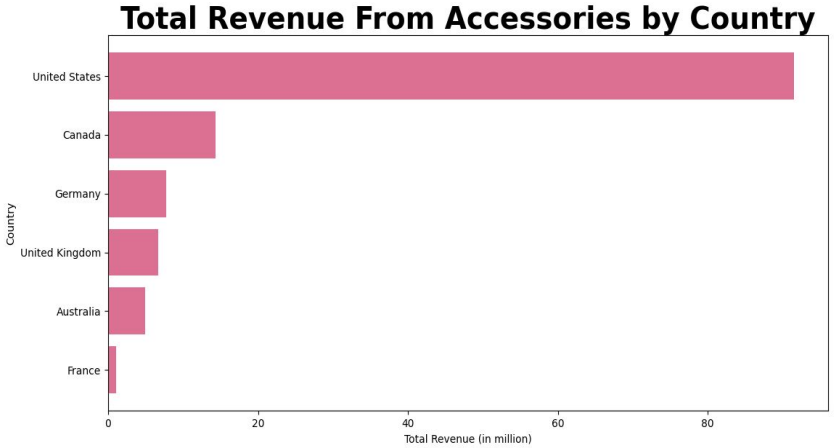
Relationship between Country and Revenue

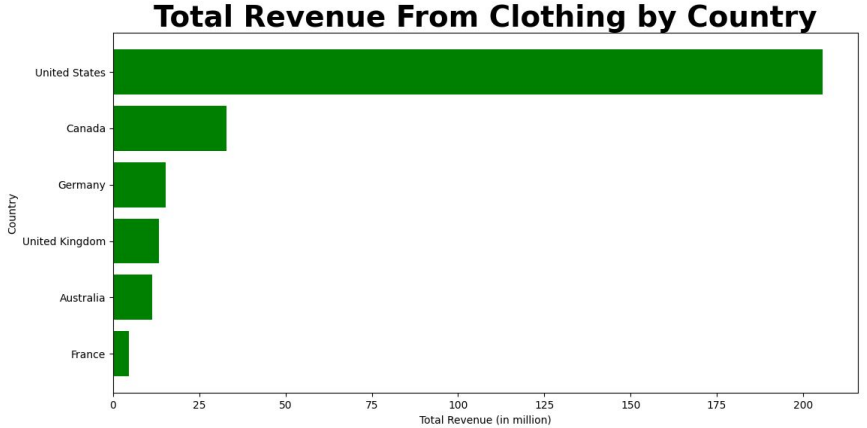
Countries with stronger economic conditions tends to generate more revenue.

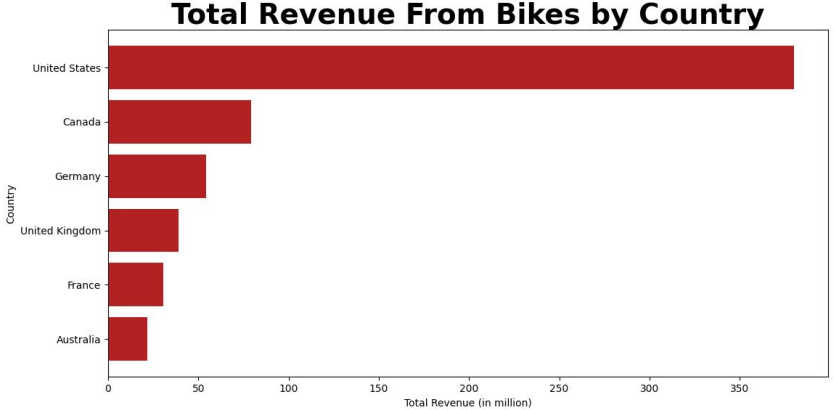
Countries contributing low revenue might reflect smaller markets.

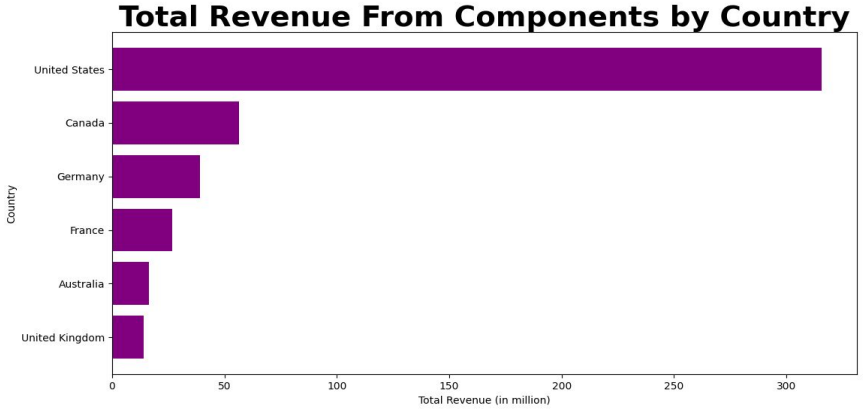


Relationship between Country and Revenue

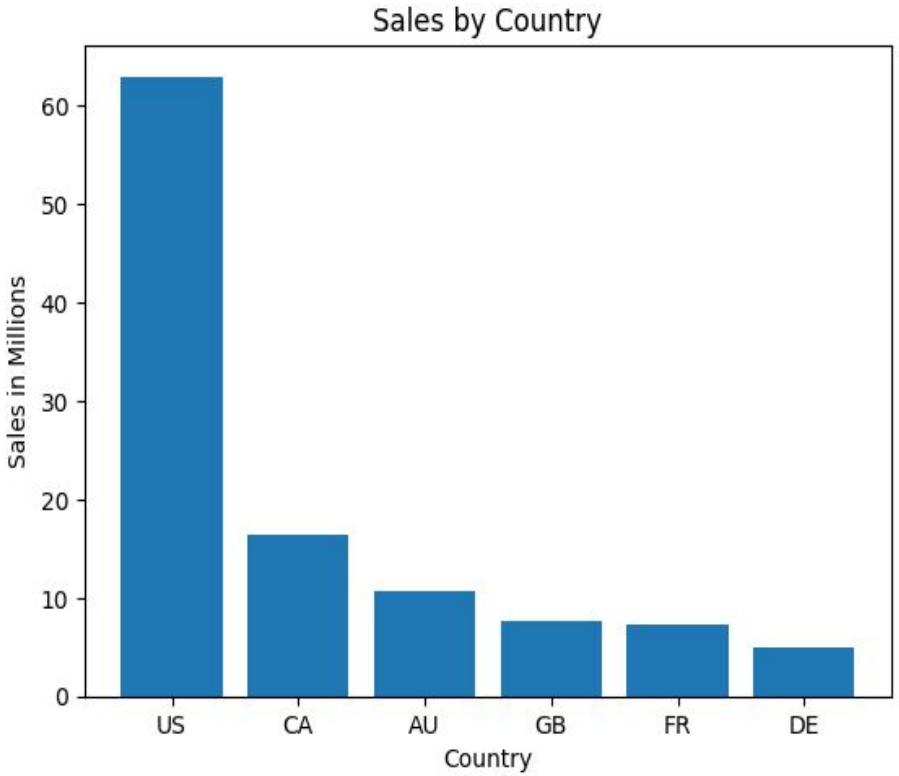


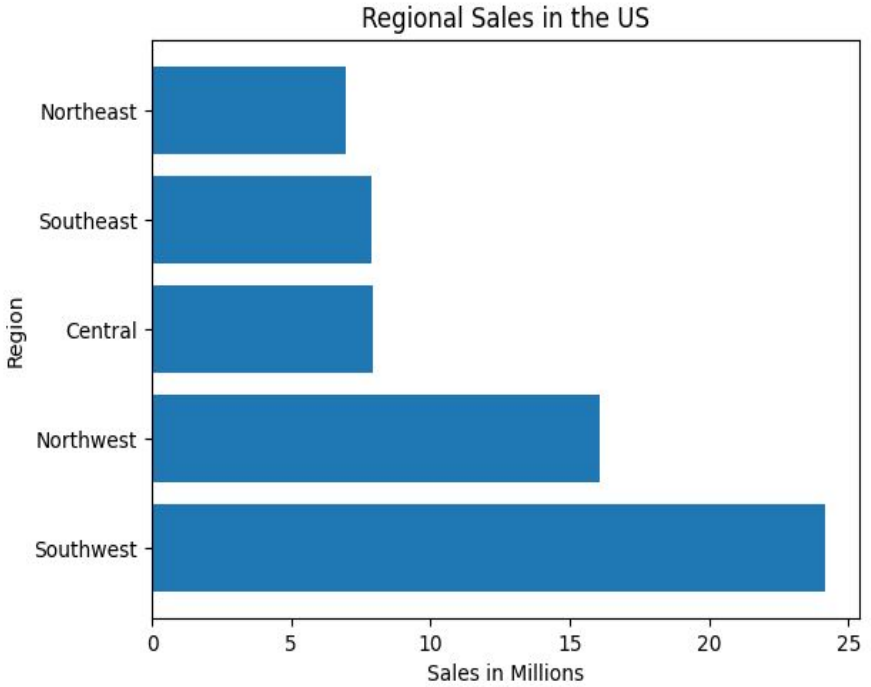






Regional Sales in Best Performing Country





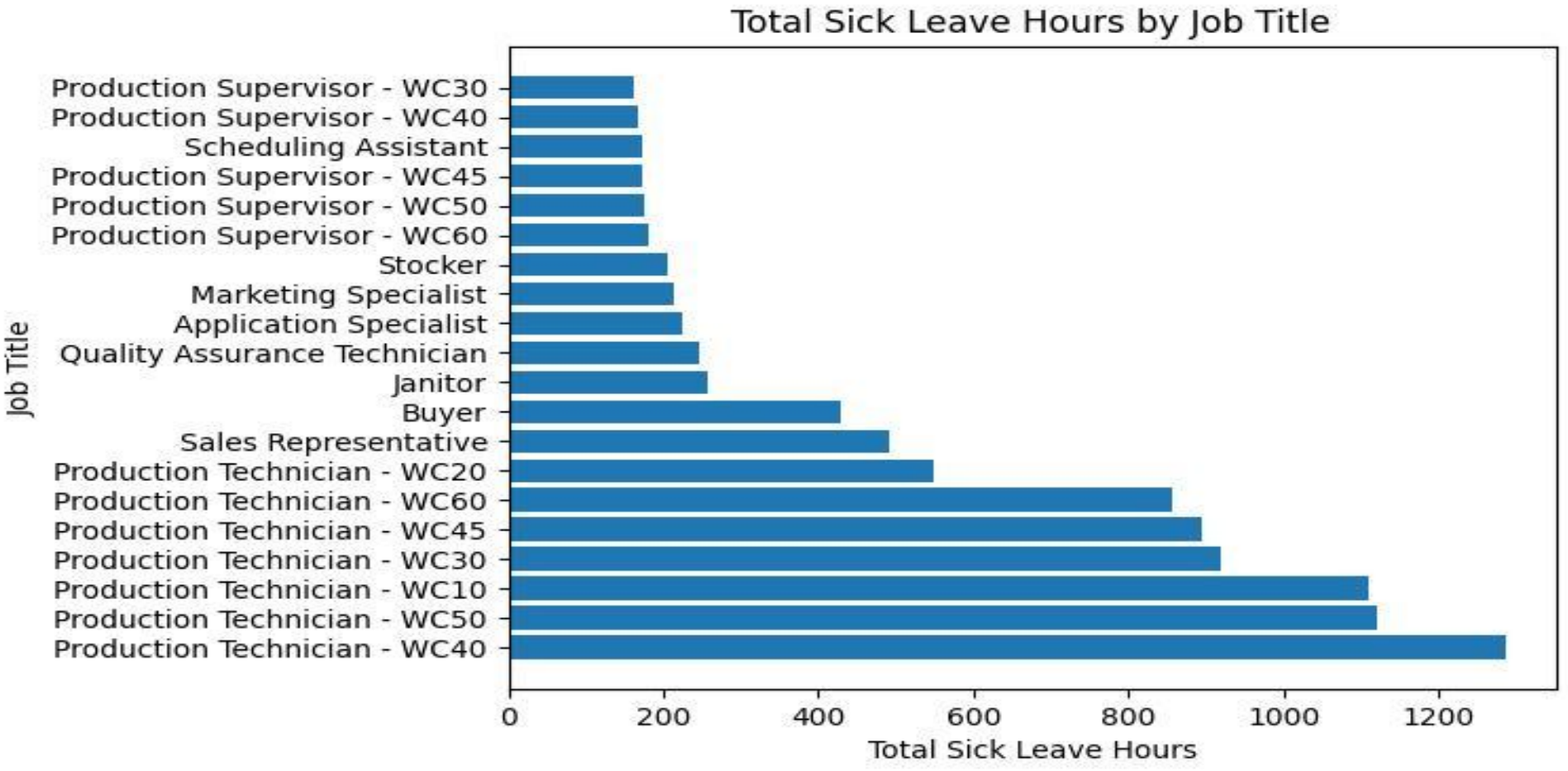
The **Southwest** is the leading region

Relationship Between Total Leave Hours and Bonus

0.38 signifies a **weak to moderate** relationship

Could other factors be the cause of increase ?

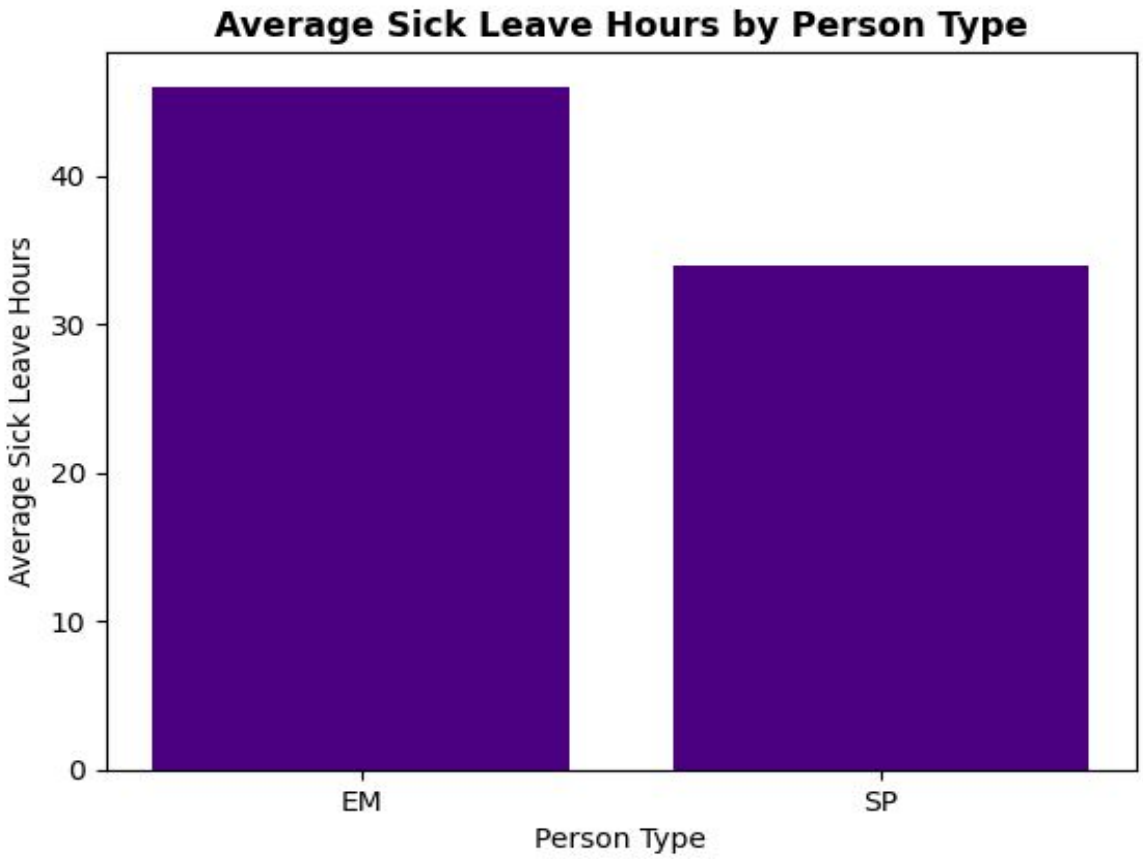
Relationship Between Sick Leave and Job Title?



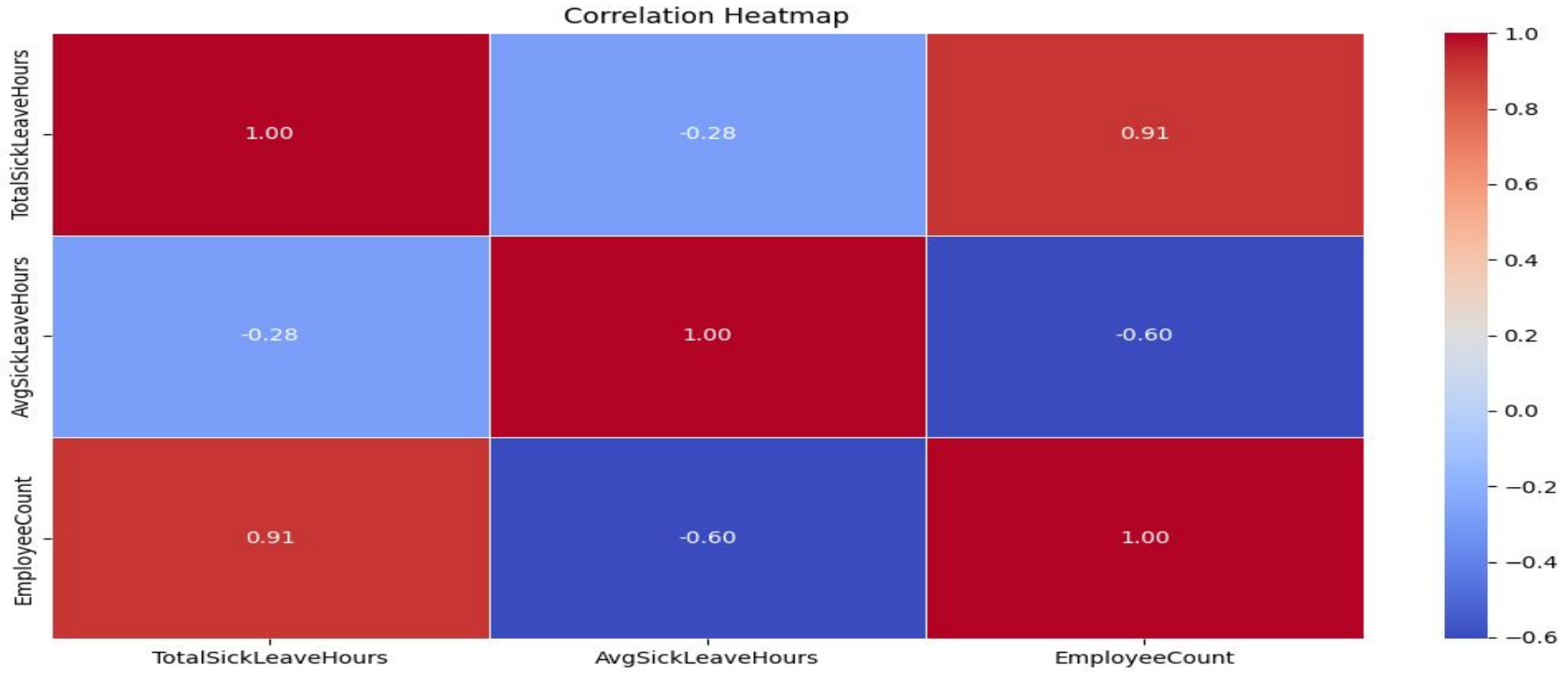
Relationship Between Sick Leave and PersonType?

Key Findings:

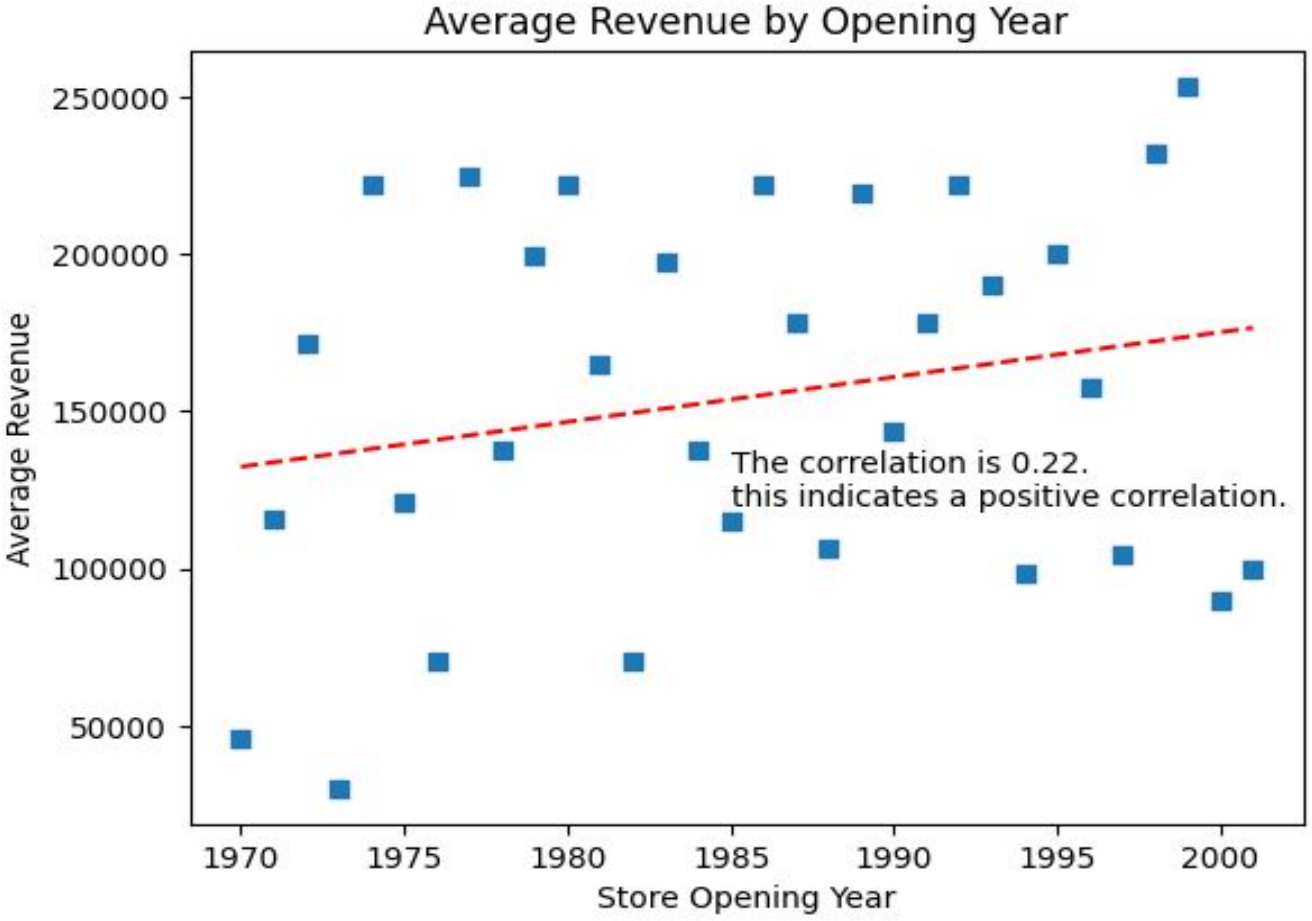
- Employees (EM) Tends to Have Higher Sick Leave Hours
- Sales Persons (SP) i other hand have les Sick Leave Hours



The Correlation between Total Sick Leave Hours, Average Sick Leave Hours, and Employee Count?



Store Trading Duration vs Revenue



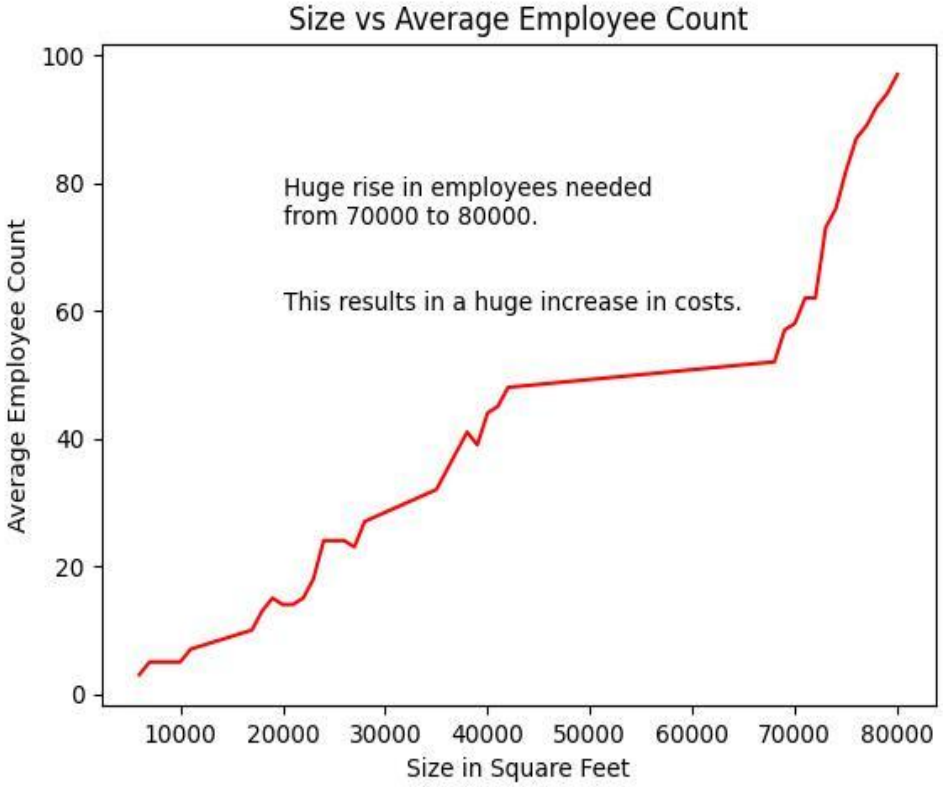
Newer Stores Are More Profitable!

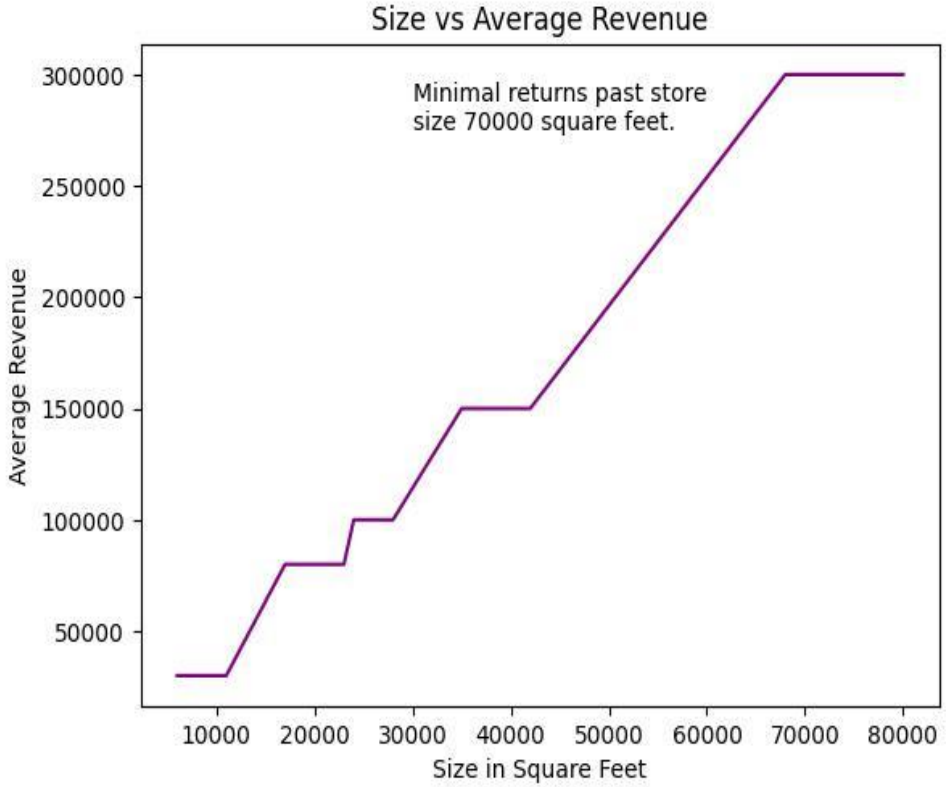
11%

Why Are They?

Size, Revenue and Number of Employees

Is Bigger Always Better?

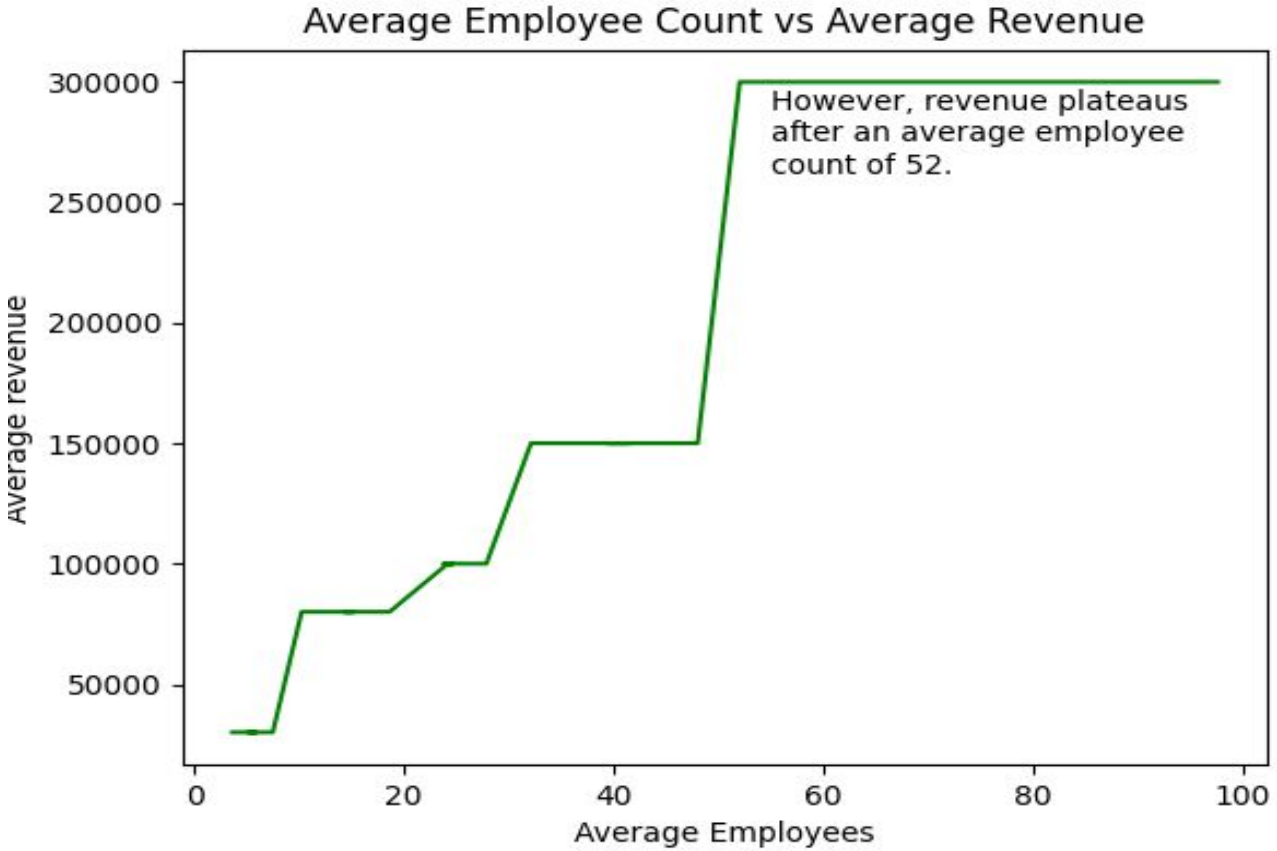




Average Employee Count vs. Average Revenue

Proper Staffing
Means
Proper Profits!

Too many
staff is bad
for business!



Conclusion

US Best Seller
But Not All Equal

More Leave
More Bonuses

More Employees
Means Less Sick Leave

New Stores
More Profitable

Bigger Is
Sometimes Better

Proper Staffing
Proper Profits

REFERENCES

atresodawit19@gmail.com

pearlasare@gmail.com

ibrahimhamza927@gmail.com

Rajjoubabdulrahman@gmail.com

AliceV@genstudents.org

eibra3@hotmail.com

https://www.linkedin.com/in/abdulrahman-rajjoub-a01690238/

/https://www.linkedin.com/in/dawit-atreso

linkedin.com/in/hamza-ibrahim-500220200

THANK YOU !!

"Why do programmers prefer dark mode?
Because light attracts bugs!!"