DS2500 - Final Presentation

DK Lee (u1326445)

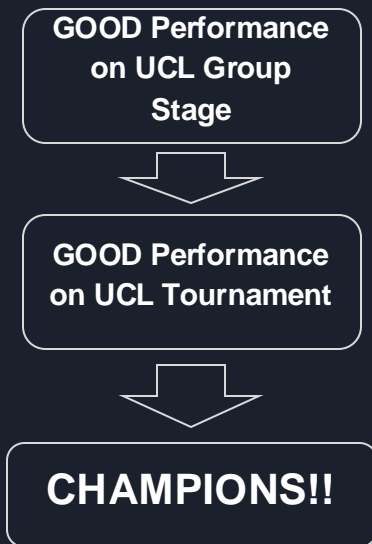# QUESTION

Prev Question:

Does a team's performance on the group stage lead them to the championship?
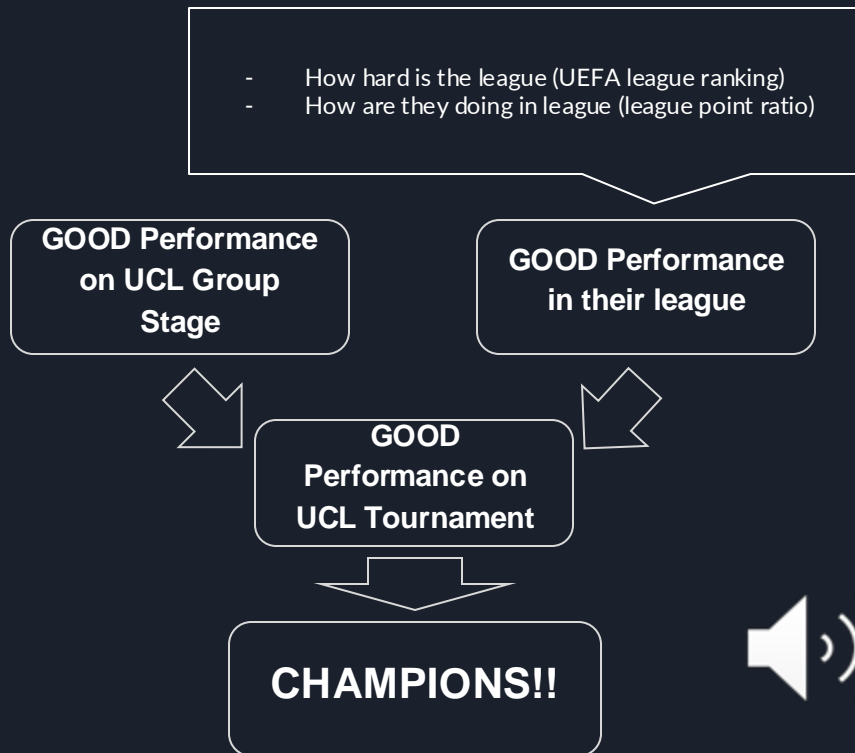
Reasons:

> GOOD Performance on UCL Group Stage

⬇

> GOOD Performance on UCL Tournament

⬇

> **CHAMPIONS!!**

After I changed, new question is...

Does a team's performance of first half season lead them to the championship?

Reasons:

- How hard is the league (UEFA league ranking)
- How are they doing in league (league point ratio)

> GOOD Performance on UCL Group Stage

> GOOD Performance in their league

⬇ ⬇

> GOOD Performance on UCL Tournament

⬇

> **CHAMPIONS!!**

DATA

UEFA League Ranking from 2017 to 2022 season

Example of EPL Half of the 2022 Season League Table

VISUALIZATION
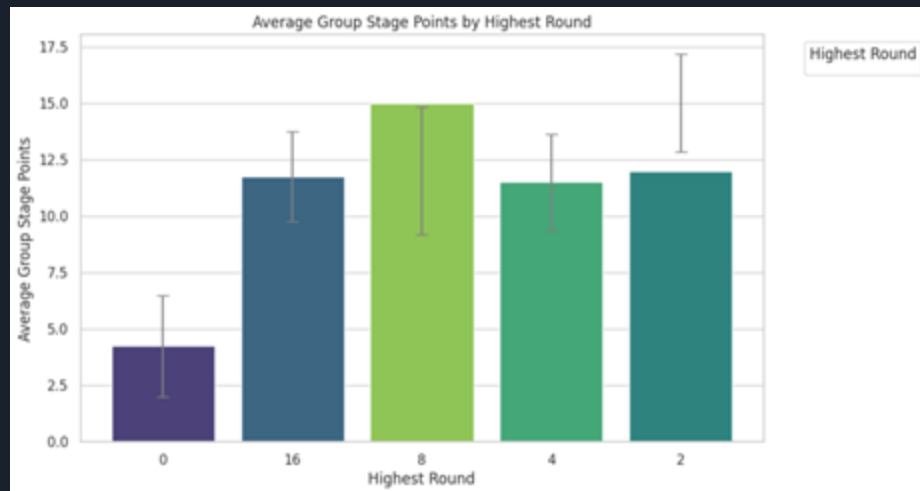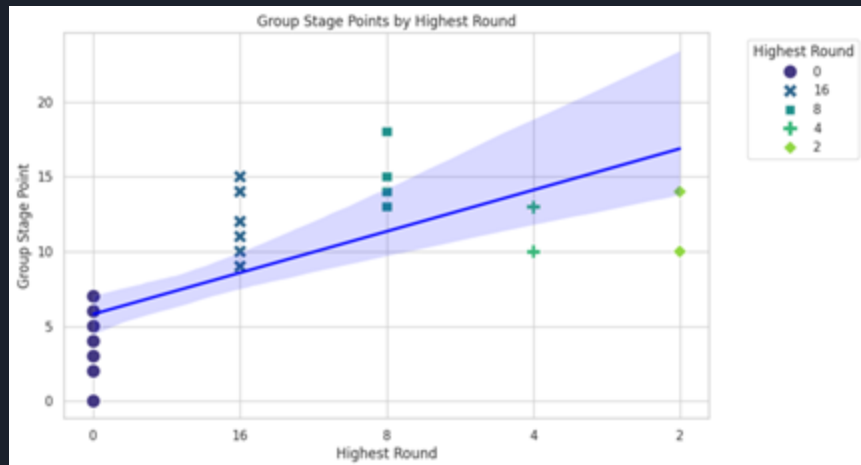
Brief observation from Analysis

1. Only group stage performance   ⇒   Hard to see the relationship

1. Look at league performance(only the half of the season) and group stage performance together.

3. t-test & ANOVA tables ⇒ Regression models ⇒ Correlation between performance of the first half season and champion