



GA



The illustration depicts a person with long brown hair and headphones, sitting at a desk in a dimly lit room at night. They are looking at a laptop screen. A desk lamp with a green glow illuminates the desk, which also holds a potted plant and a cup of coffee. In the background, a window shows a night scene with rain and a moon. To the left, a bookshelf is filled with books. The overall color palette is dominated by dark blues, greys, and the green light from the lamp.

Project 1

Data Analysis of
Singapore Rainfall

Table of contents



01

Problem Statement

The story behind the data science problem

02

Insight 1

East or West?

03

Insight 2

Month with the lowest rainfall?

04

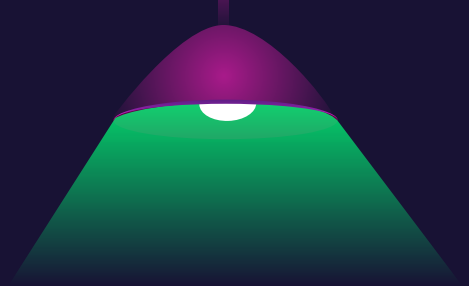
Insight 3

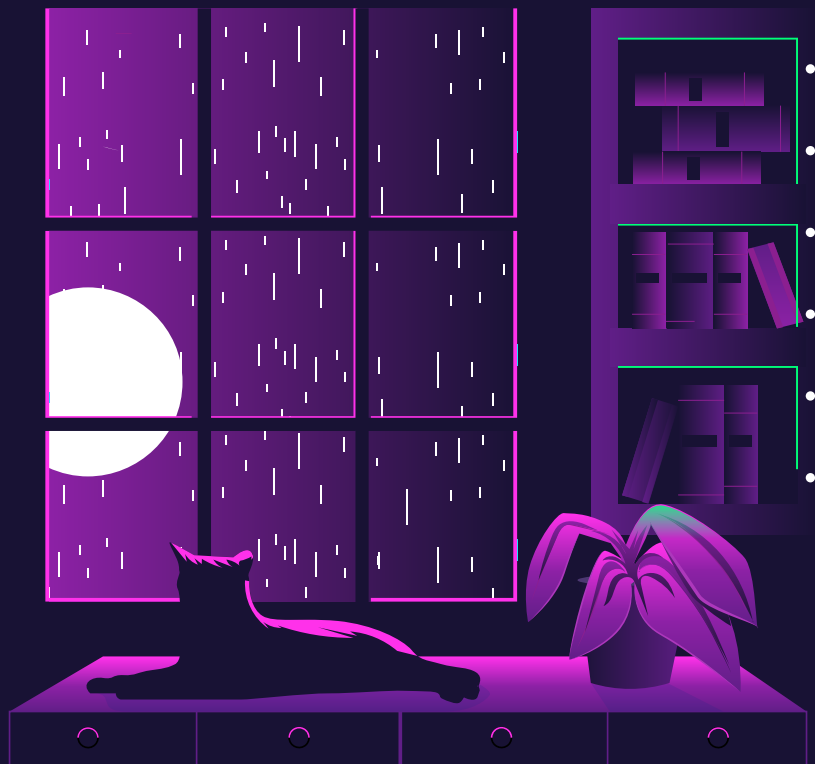
Higher wind speed =
More rain?

05

Recommendation

Any solution?





01

Problem Statement

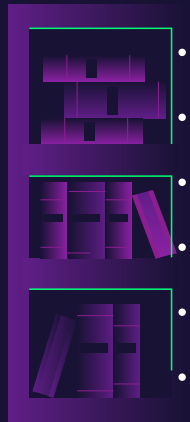
The story behind the
data science problem



Problem Statement

An F&B company is keen on a new business and marketing model organizing food truck events in Singapore to increase the exposure of their branding and create a unique experience for consumers. But outdoor events are exposed to the elements of weather.



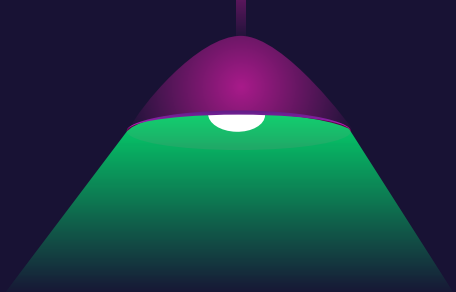


02

Insight 1

East or West?



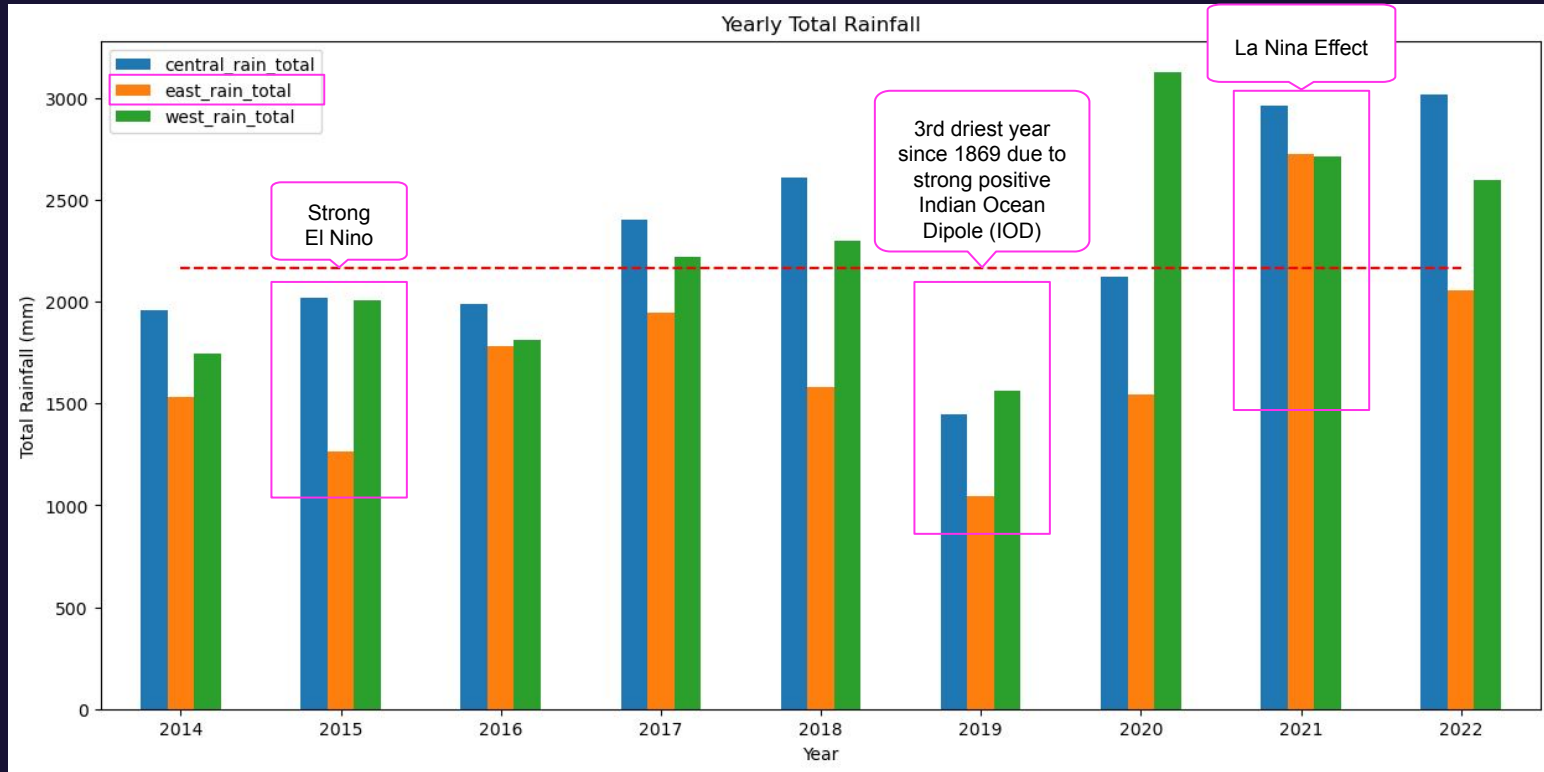


25%

Eastern Singapore received 25% lesser rainfall!



Yearly Total Rainfall



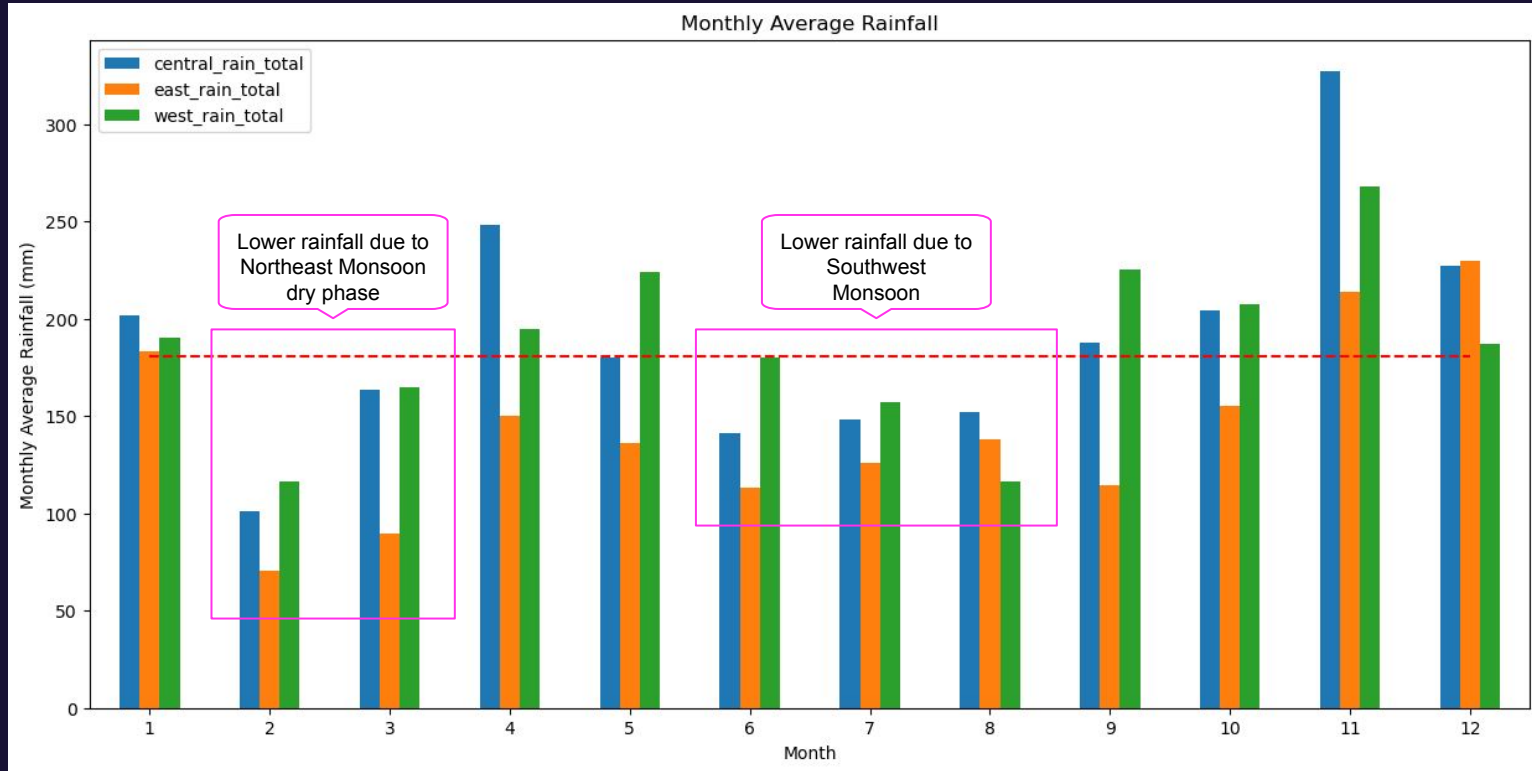
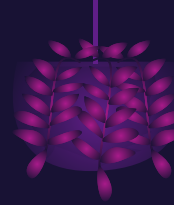


03

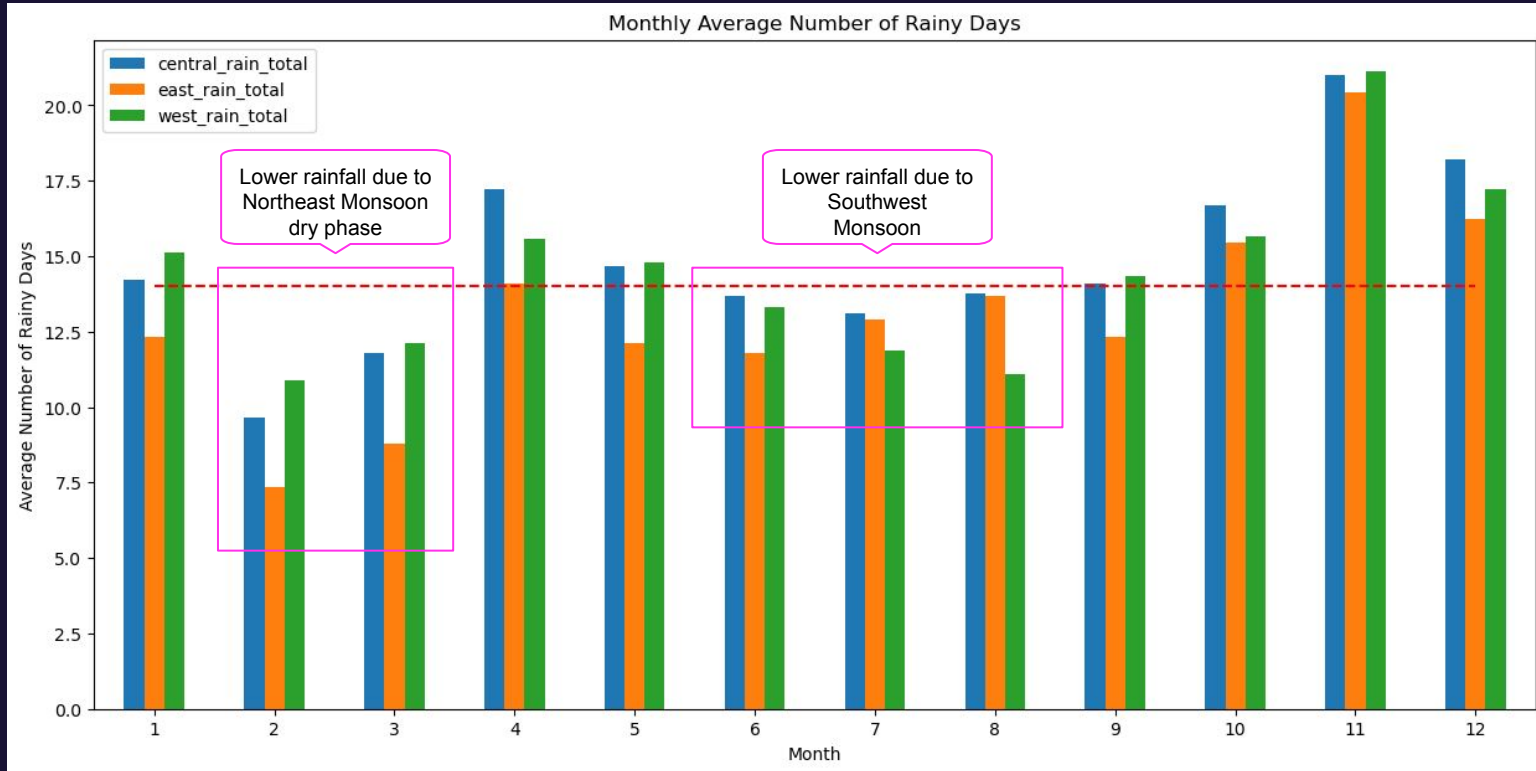
Insight 2

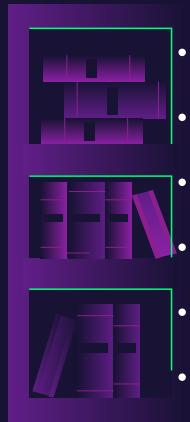
Month with the lowest
Rainfall?

Monthly Avg Rainfall



Monthly Avg Rainy Days





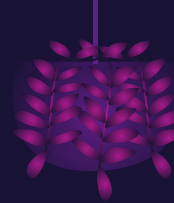
04

Insight 3

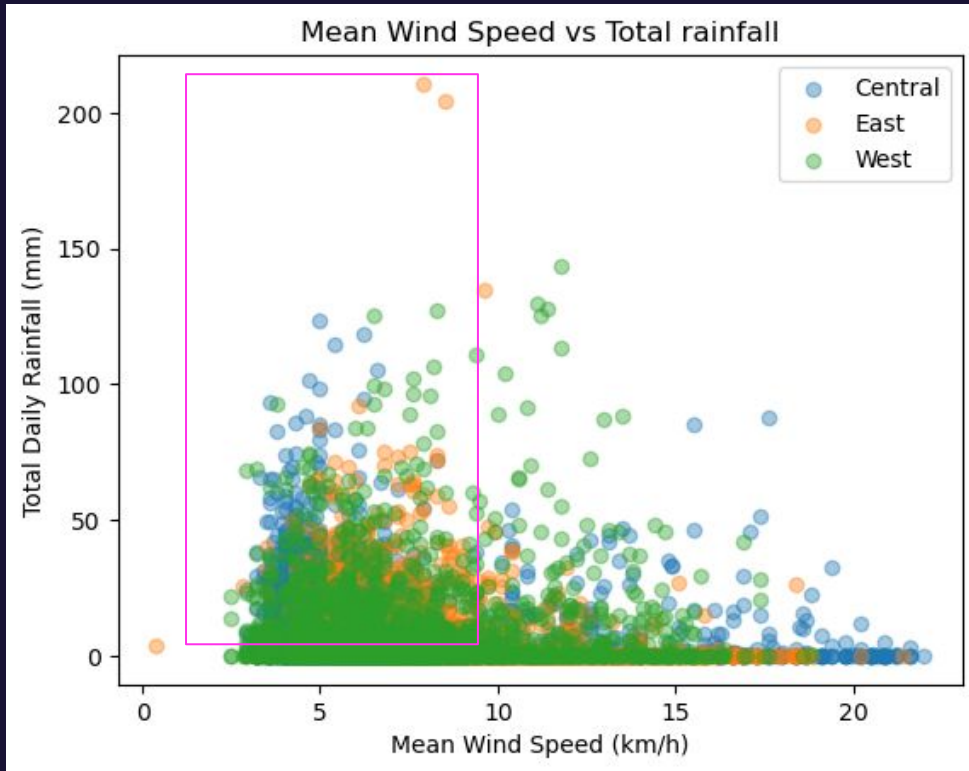
Higher wind speed
= More rain?



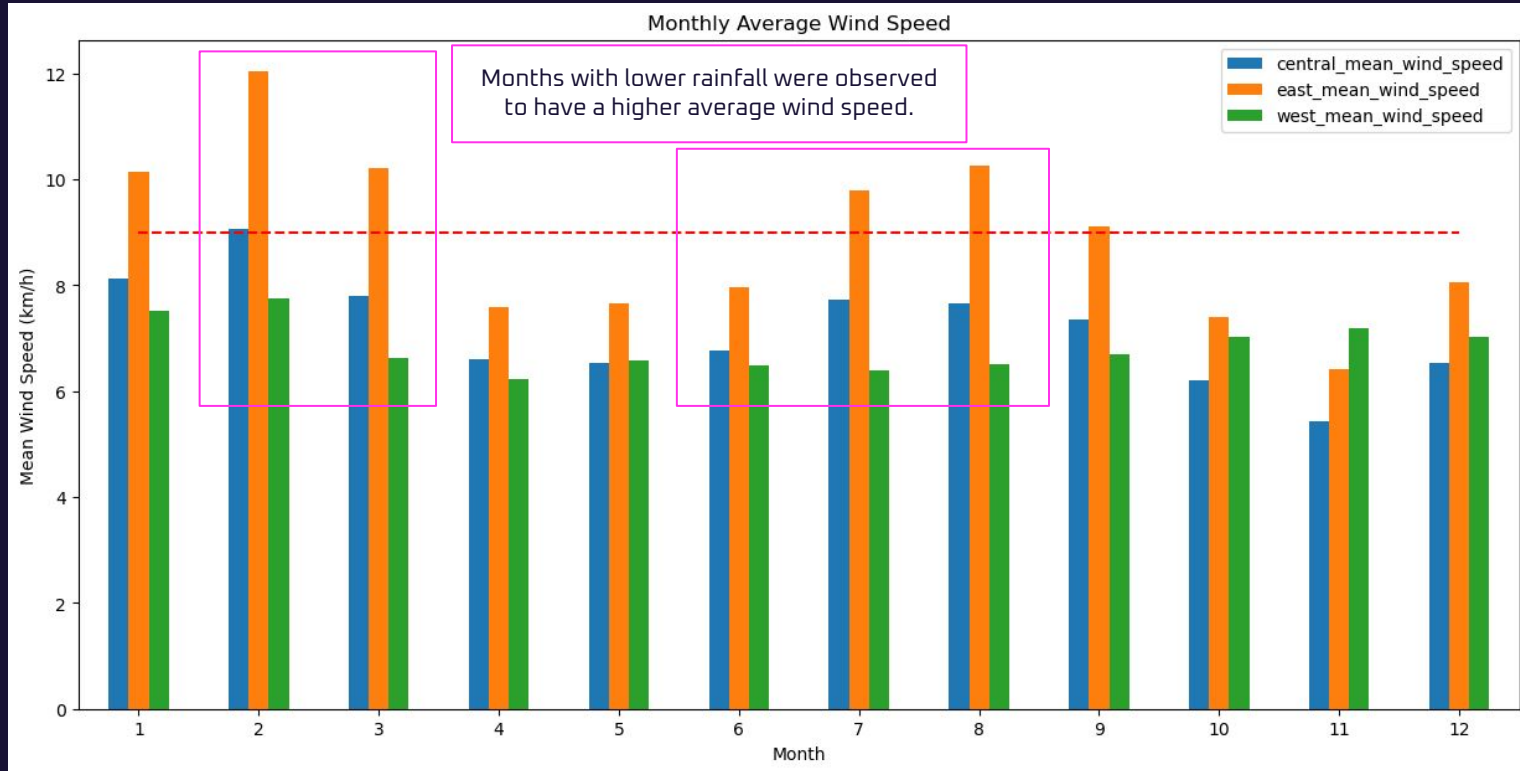
Monthly Avg Rainfall

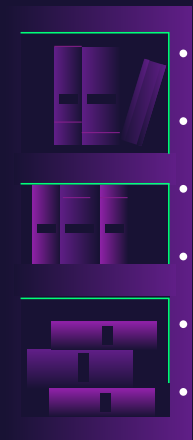
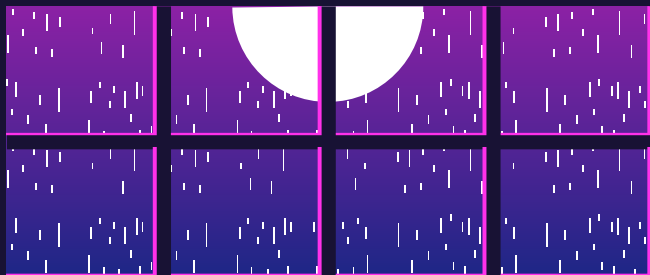


The relationship between rainfall and wind speed were observed to be inversely proportional. There were more rainfall with lower average wind speed.



Monthly Avg Wind Speed

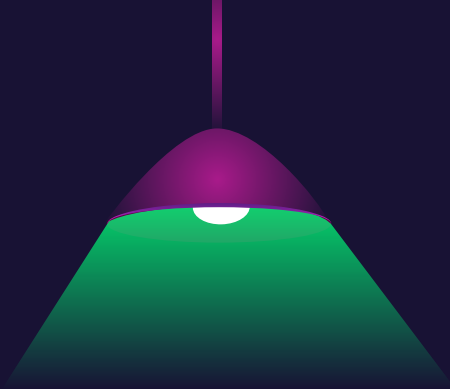




05

Recommendations

Any solutions?



Recommendations



When

To organise the event between Feb to Mar or Jun to Aug.



Where

Eastern parts of Singapore such as Singapore Expo, East Coast Park and Changi Exhibition Centre etc.



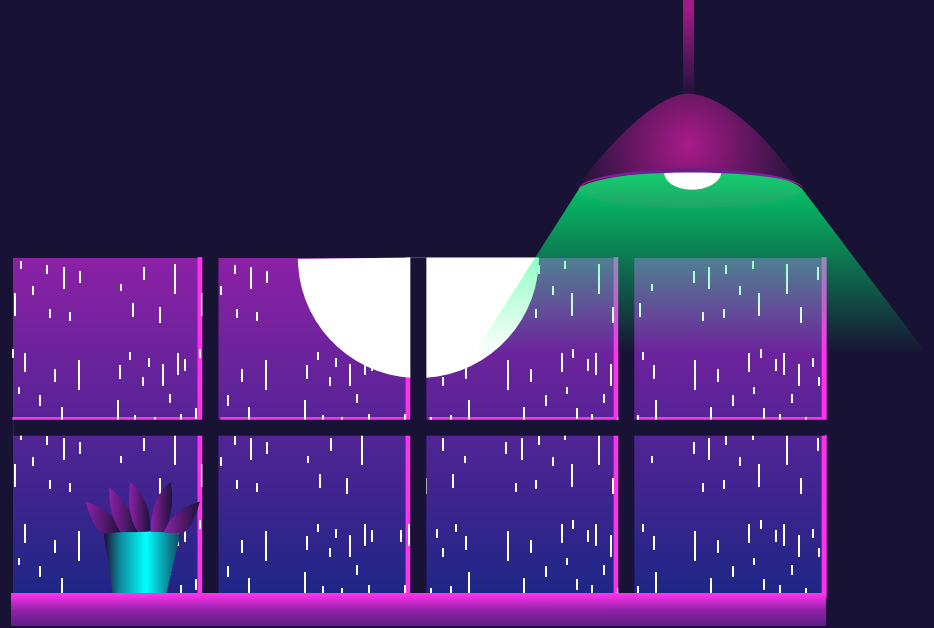
What

Can consider some wind-related props or products to use / sell since East is generally windy.

Thanks!



Done By: Neo Wenxi



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**