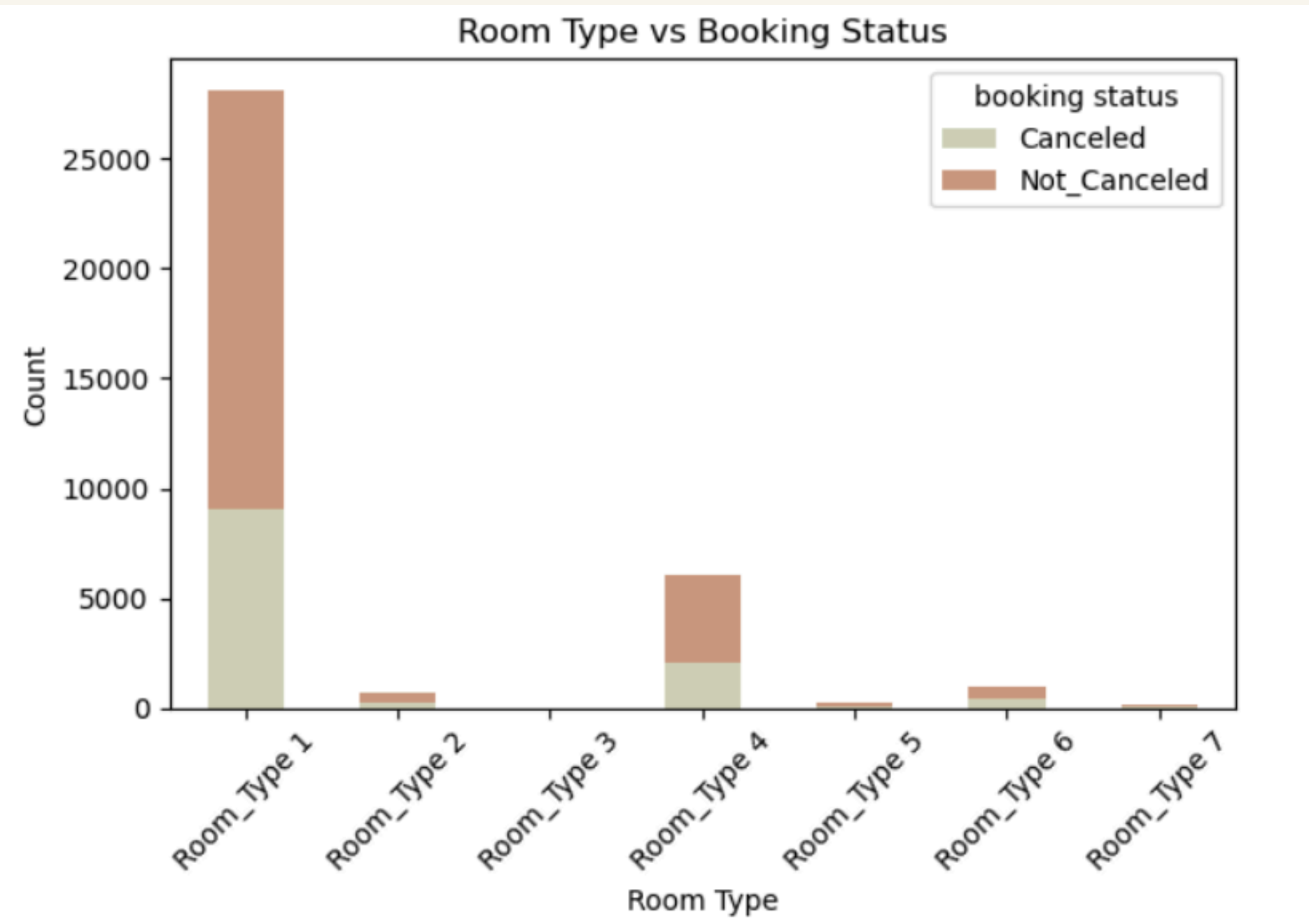


Presentation For Hotel Dateset

Name: Menna Tulla Hesham

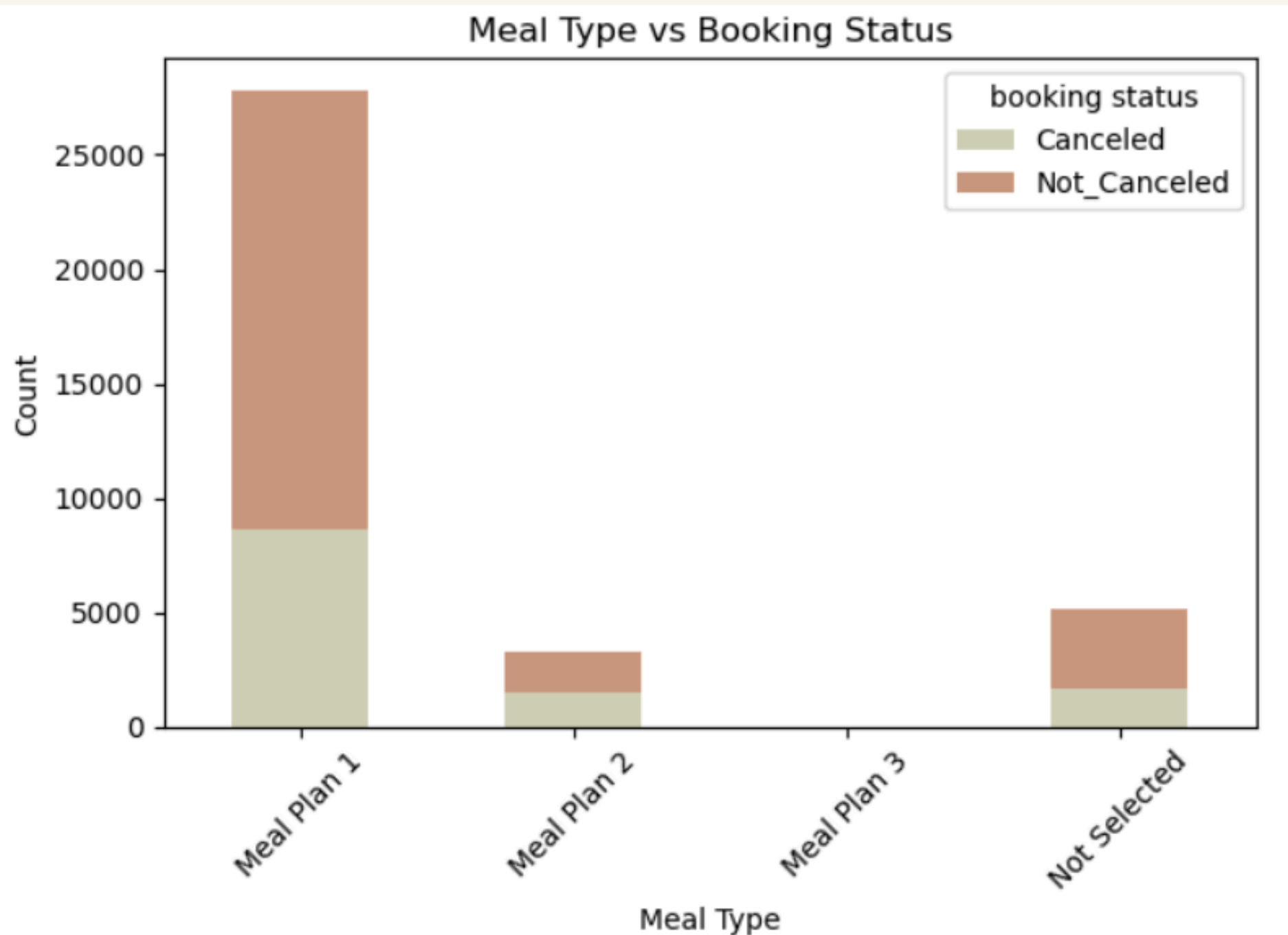
Does room type affect booking cancellation?



insights:

- room 1 has the highest not cancellation.
- room 2,3,5,7 not the best seller.

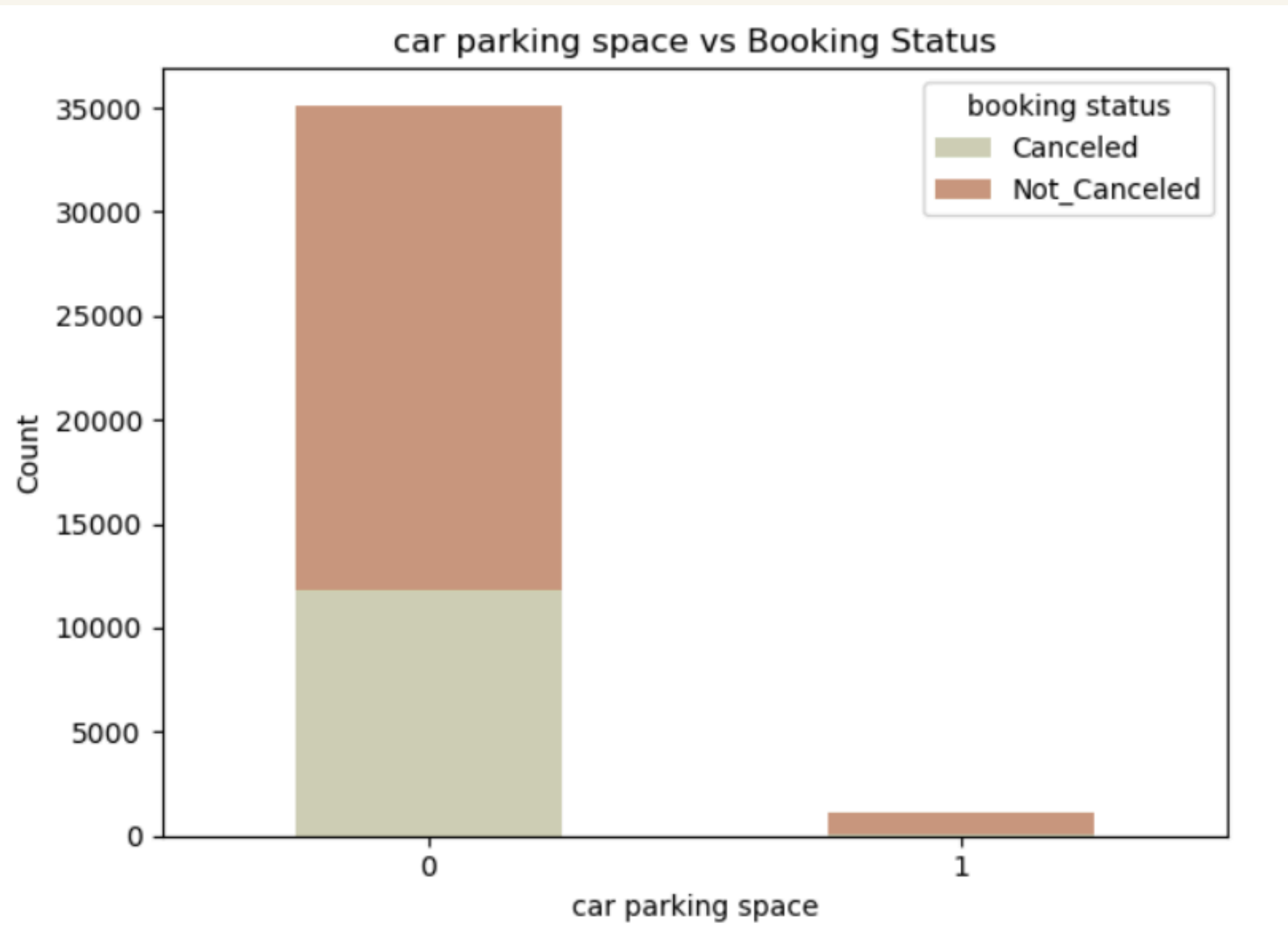
Does the selected meal plan affect cancellation?



Insights:-

- Meal 1 is the most chosen and least canceled.
- Meal 3 not the best seller.

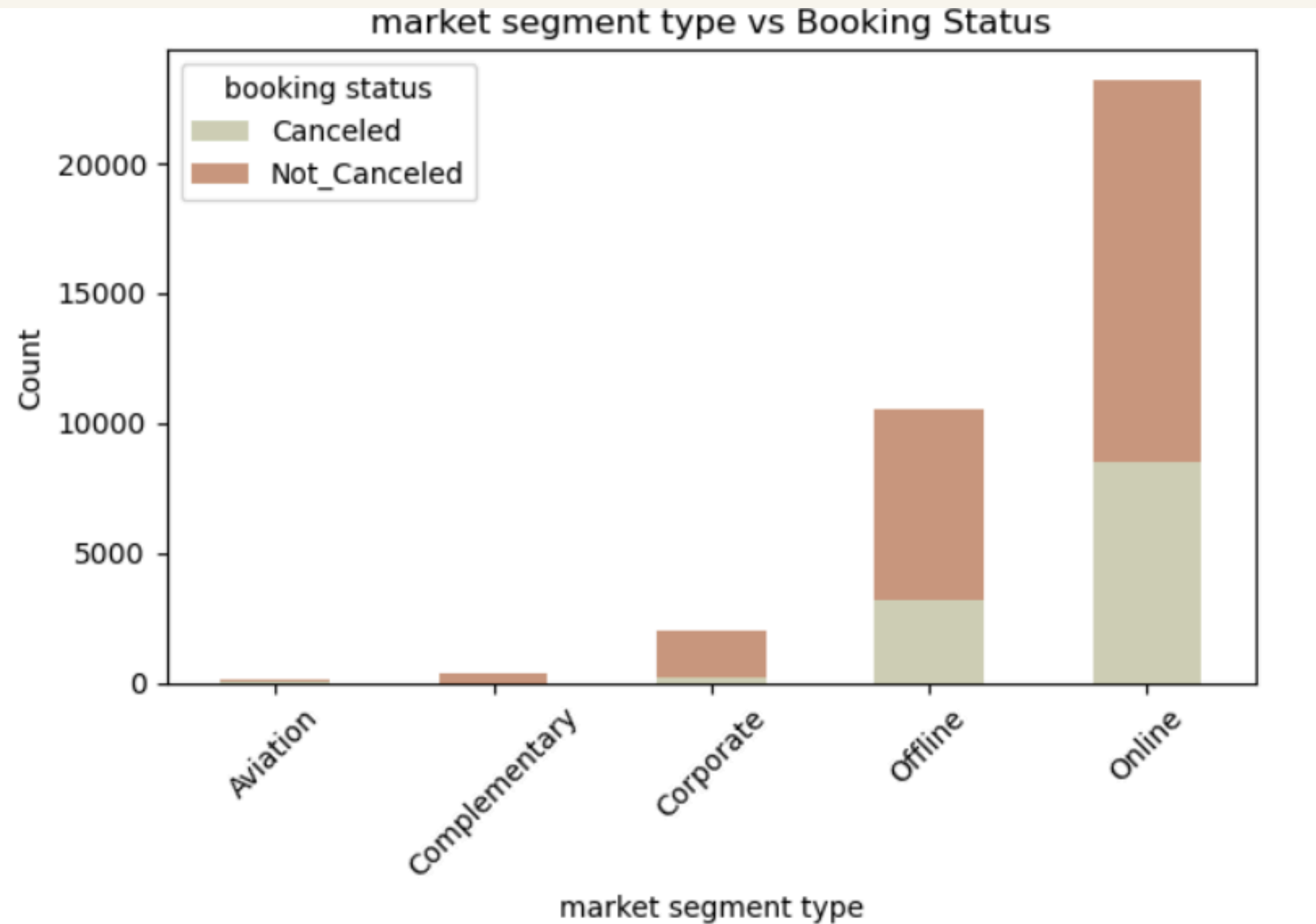
Is having a car parking space related to cancellation?



Insights:-

- Guests with parking space canceled less.
- Guests with no parking has more not canceled.

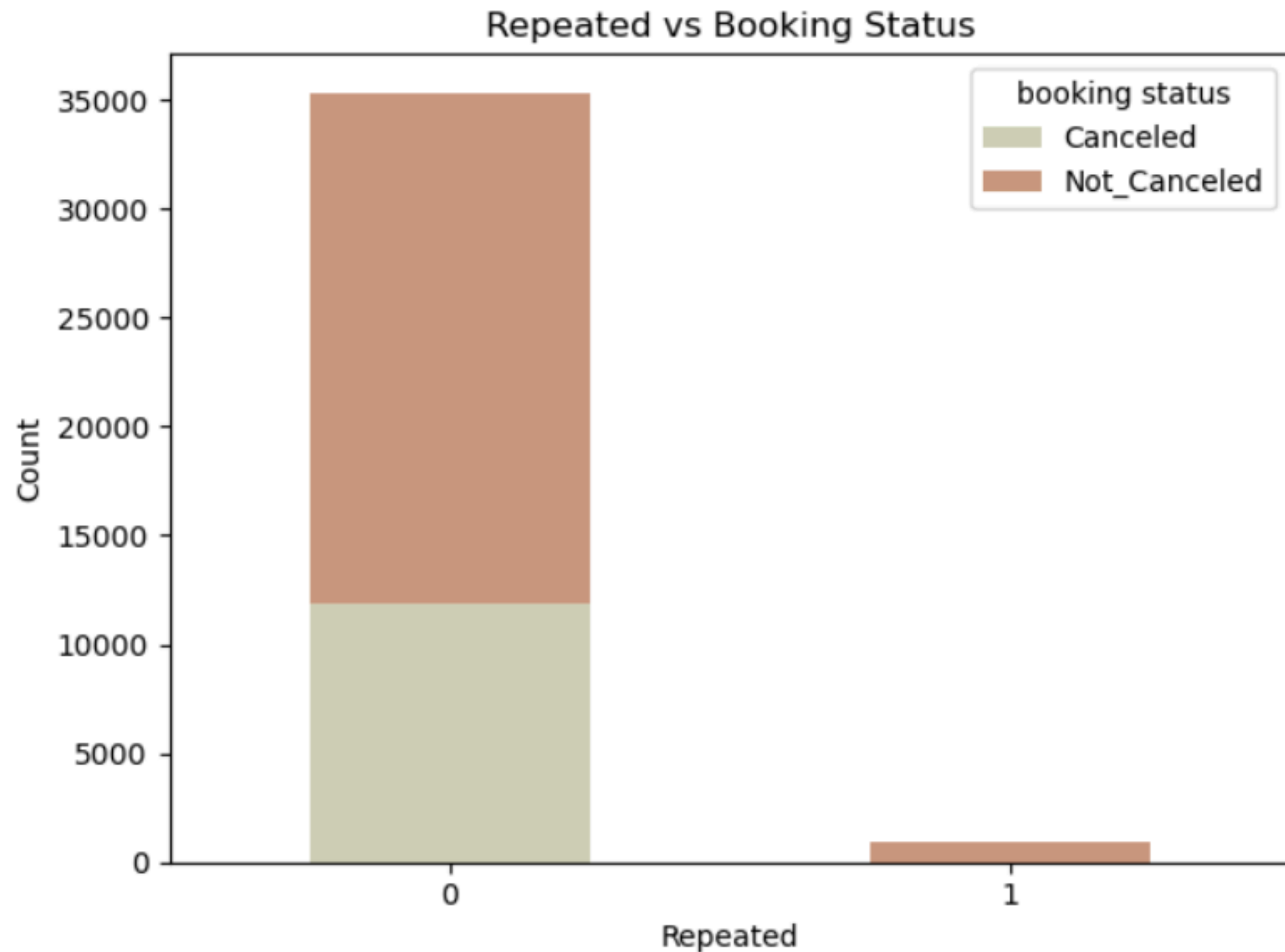
Which customer segment cancels the most?



Insight:-

- the online customer has the most not canceled.
- Complementary has the fewest canceled.

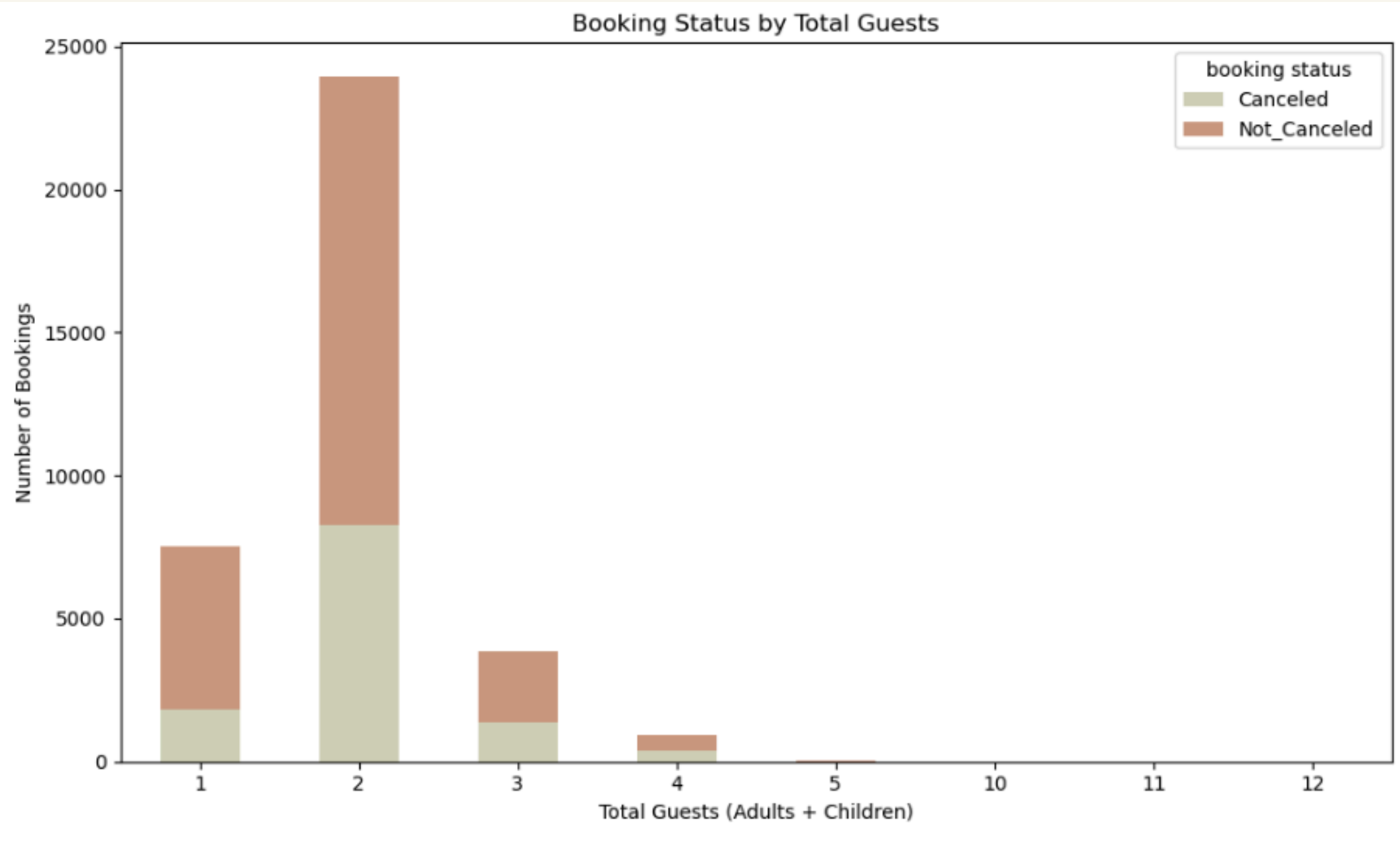
Are repeated guests more likely to cancel their bookings?



Insights:-

- the guests who not visited hotel has the highest not cancelation.
- the guests who visited hotel has more not canceled and less canceled.

Does family or group size affect cancellation?

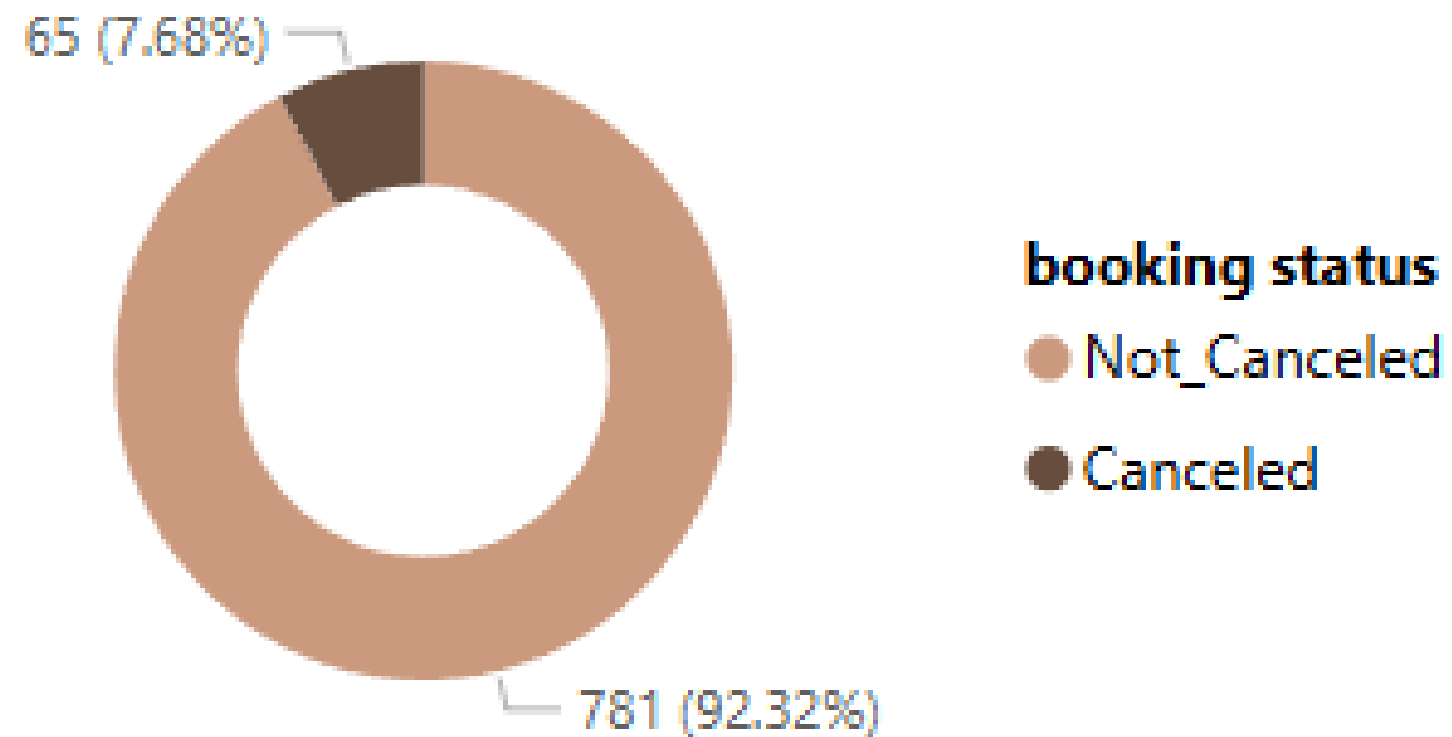


Insights:-

- Guests with 2 total members have the lowest cancellation rate.
- Couples or small families almost not canceled.

Do people with a cancellation history tend to cancel again?

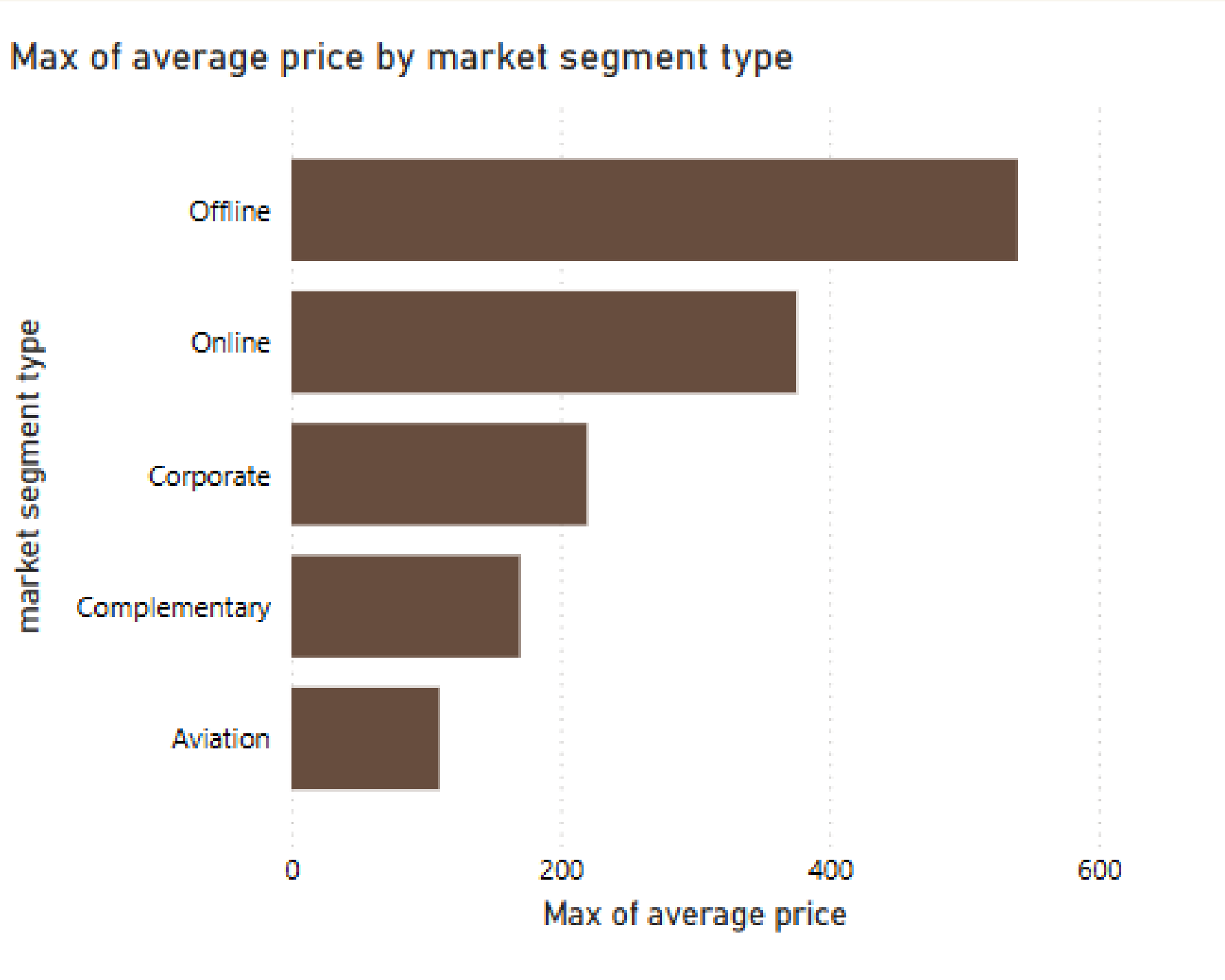
Sum of P-C by booking status



Insights:-

- Most guests with previous cancellations did not cancel their current booking.
- This shows that a history of cancellations doesn't guarantee future cancellations.
- Only 7.68% of total past cancellations belong to bookings that were canceled again.

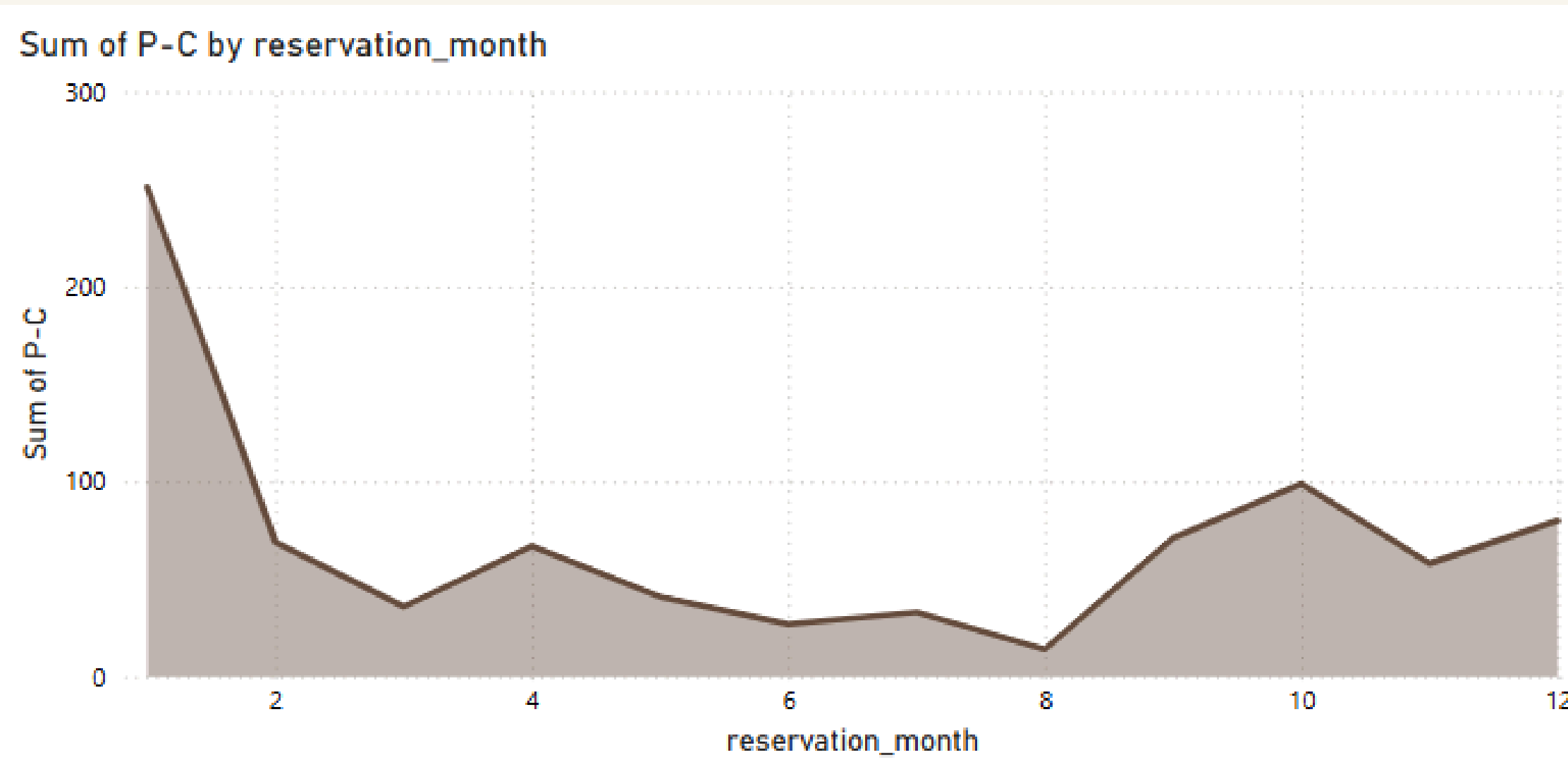
Which market segment pays the highest average price?



Insights:-

- The Offline market segment shows the highest price.
- Online bookings come next, but still below offline.
- Complementary and Aviation segments are at the bottom.

In which months do guests with cancellation history make the most reservations?



Insights:-

- Guests with a history of cancellations are most active in January.
- August shows the lowest number of repeat cancellers.