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Thistle Data Analyst Excercise

- SQL attached
- Spreadsheet attached

Insights:

1. January seems to have the highest success rate of subscribing users who enter the checkout flow. Although the number of people arriving at the landing page has been increasing, the success rate seems to be dropping.

Started vs Subscribed



Month (Success Rate)

| month_ | started | subscribed | percent_subscribed |
|--------------|---------|------------|--------------------|
| Jan - 24.00% | 3481 | 838 | 24.00% |
| Feb - 21.00% | 3818 | 814 | 21.00% |
| Mar - 17.00% | 6701 | 1196 | 17.00% |

2. Vegan protein seems to have a higher success rate

| protein_type | num_users | success_rate |
|----------------|-----------|--------------|
| animal_protein | 7399 | 18.00% |
| vegan_protein | 6066 | 23.00% |

3. Out of the 3648 total number of users who have subscribed, 1058 (~a third) users have canceled their subscription within 14 days of signing up

| cancellation_within_14_days | Total subscribed | 14_day_canellation rate |
|-----------------------------|------------------|-------------------------|
| 1058 | 3648 | 29.00% |

4. Performing a retention analysis by weekly cohort shows a similar retention curve for four different cohorts (plotted below)

Weekly Retention

