

Task 2: Outbreak type

Data wrangling

```
outbreak <- outbreak_raw %>%
  mutate_if(is.numeric,
            replace_na, replace = 0) %>%
  mutate(episode_week = date(episode_week)) %>%
  mutate(outbreak_or_sporadic = case_when(
    str_detect(outbreak_or_sporadic, 'OB Associated') ~ 'Outbreak associated',
    outbreak_or_sporadic == 'Sporadic' ~ 'Sporadic'
  )) %>%
  mutate(outbreak_or_sporadic = fct_relevel(outbreak_or_sporadic,
                                           'Sporadic',
                                           'Outbreak associated')) %>%

  group_by(episode_week) %>%
  mutate(total_cases = sum(cases))
```