







[www.data-innaginginist.com/slides/user2018](http://www.data-innaginginist.com/slides/user2018)

# Human Interactions

Time of encounter 09:02



transition\_events()

```
ggraph(graph, 'lg1') +  
  geom_edge_link(  
    edge_colour = 'steelblue',  
    edge_width = 1  
  ) +  
  geom_node_point(  
    aes(size = degree),  
    show.legend = FALSE  
  ) +  
  scale_size_area(max_size = 4) +  
  ggtitle(  
    title = 'Human Interactions',  
    subtitle = 'Time of encounter  
{format(frame_time, "%H:%M")}'  
  ) +  
  theme_graph() +  
  transition_events(  
    start = time,  
    enter_length = hms(hours = 3),  
    exit_length = hms(hours = 3)  
  ) +  
  enter_fade() +  
  exit_fade()
```

# Human Interactions

Time of encounter 09:02





# transition\_events()

```
ggraph(graph, 'lg1') +  
  geom_edge_link(  
    edge_colour = 'steelblue',  
    edge_width = 1  
  ) +  
  geom_node_point(  
    aes(size = degree),  
    show.legend = FALSE  
  ) +  
  scale_size_area(max_size = 4) +  
  ggtitle(  
    title = 'Human Interactions',  
    subtitle = 'Time of encounter {format(frame_time, "%H:%M")}'  
  ) +  
  theme_graph() +  
  transition_events(  
    start = time,  
    enter_length = hms(hours = 3),  
    exit_length = hms(hours = 3)  
  ) +  
  enter_fade() +  
  exit_fade()
```

## Human Interactions

Time of encounter 09:02



# Shape transitions

```
p <- ggplot(us) +  
  geom_sf(  
    aes(fill = pop, group = name)  
  ) +  
  scale_fill_scico(palette = 'lapaz') +  
  coord_sf(datum = NA) +  
  theme_void() +  
  theme(  
    legend.position = 'bottom',  
    legend.text = element_text(  
      angle = 30,  
      hjust = 1  
    )  
  ) +  
  labs(fill = 'Population')
```

p

