

# PIVOT[ING] TO VIDEO



## Bob's Burgers 1-question survey

Collecting this data for a quick little project (all images are from Bob's Burgers)  
<https://bobs-burgers-fanon.fandom.com>)

\* Required

Members of the Belcher family with whom I identify (select all that apply) \*



Bob



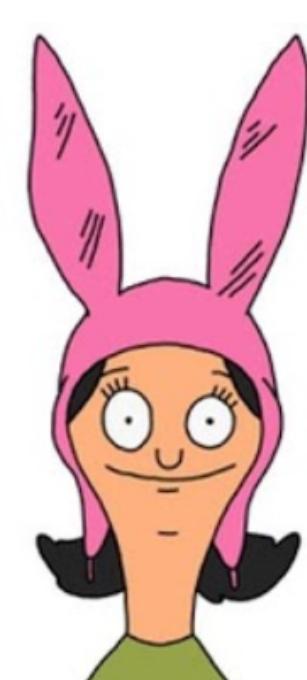
Linda



Tina



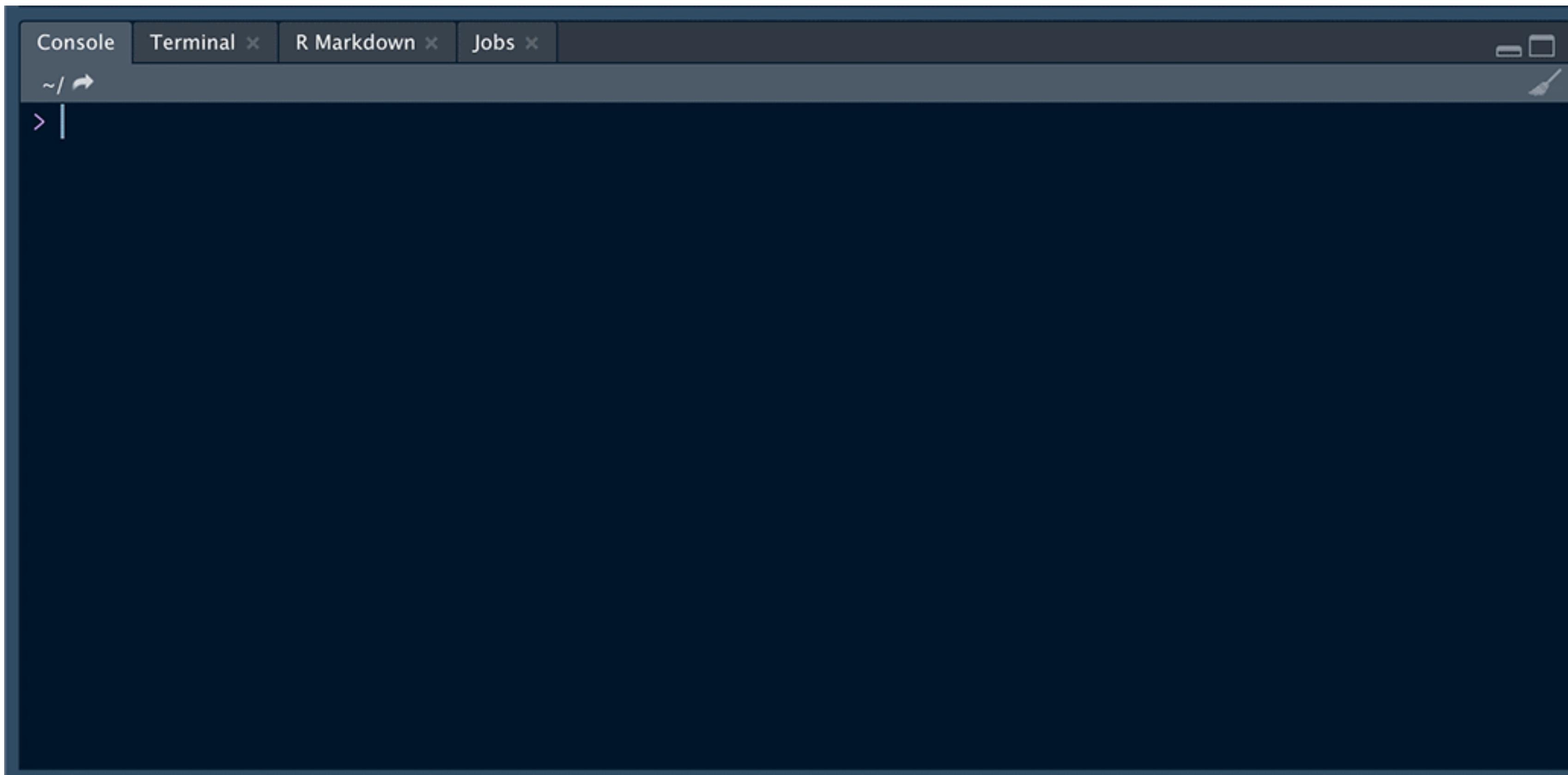
Gene



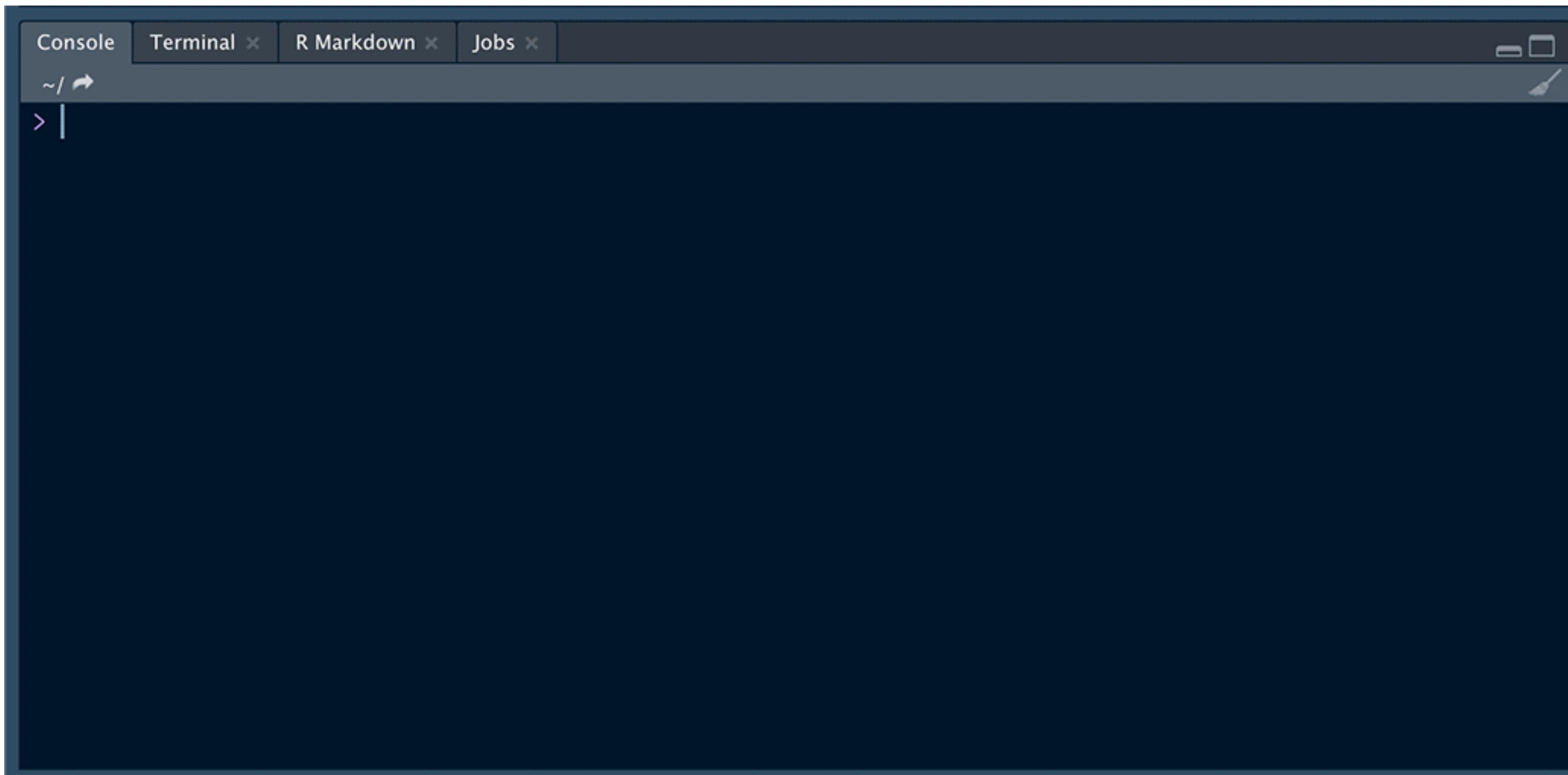
Louise

```
belcher_results
#> # A tibble: 290 x 2
#>   resp_id response
#>   <int> <chr>
#> 1 1 Linda, Tina, Louise
#> 2 2 Bob, Gene
#> 3 3 Bob, Tina, Gene
#> 4 4 Bob, Linda, Tina, Gene, Louise
#> 5 5 Bob
#> 6 6 Louise
#> 7 7 Bob
#> 8 8 Bob
#> 9 9 Bob, Gene
#> 10 10 Bob, Linda, Tina
#> # ... with 280 more rows
```

# **tidyverse::separate\_rows()**



# **tidyverse::separate\_rows()**



# **tidyverse::separate\_rows()**

<b>resp_id</b>	<b>response</b>
<int>	<chr>
1	Linda, Tina, Louise
2	Bob, Gene
3	Bob, Tina, Gene
4	Bob, Tina, Gene, Louise
5	Bob
6	Louise

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

```
belcher_results %>%
  tidyverse::separate_rows(response) %>%
  dplyr::mutate(identify = 1,
                resp_id = as.character(resp_id))

#> # A tibble: 582 x 3
#>   resp_id response identify
#>   <chr>    <chr>     <dbl>
#> 1 1        Linda      1
#> 2 1        Tina       1
#> 3 1        Louise     1
#> 4 2        Bob        1
#> 5 2        Gene       1
#> 6 3        Bob        1
#> 7 3        Tina       1
#> 8 3        Gene       1
#> 9 4        Bob        1
#> 10 4       Linda      1
#> # ... with 572 more rows
```

```
belcher_results %>%
  tidyverse::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
  )
```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyr::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)

```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyr::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)
  
```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyr::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)
  
```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyr::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)

```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyr::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)
  
```

<b>resp_id</b>	<b>response</b>	<b>identify</b>
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

<b>resp_id</b>	<b>Linda</b>	<b>Tina</b>	<b>Louise</b>	<b>Bob</b>	<b>Gene</b>
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

belcher_results %>%
  tidyverse::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)
  
```

resp_id	response	identify
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

resp_id	Linda	Tina	Louise	Bob	Gene
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

```

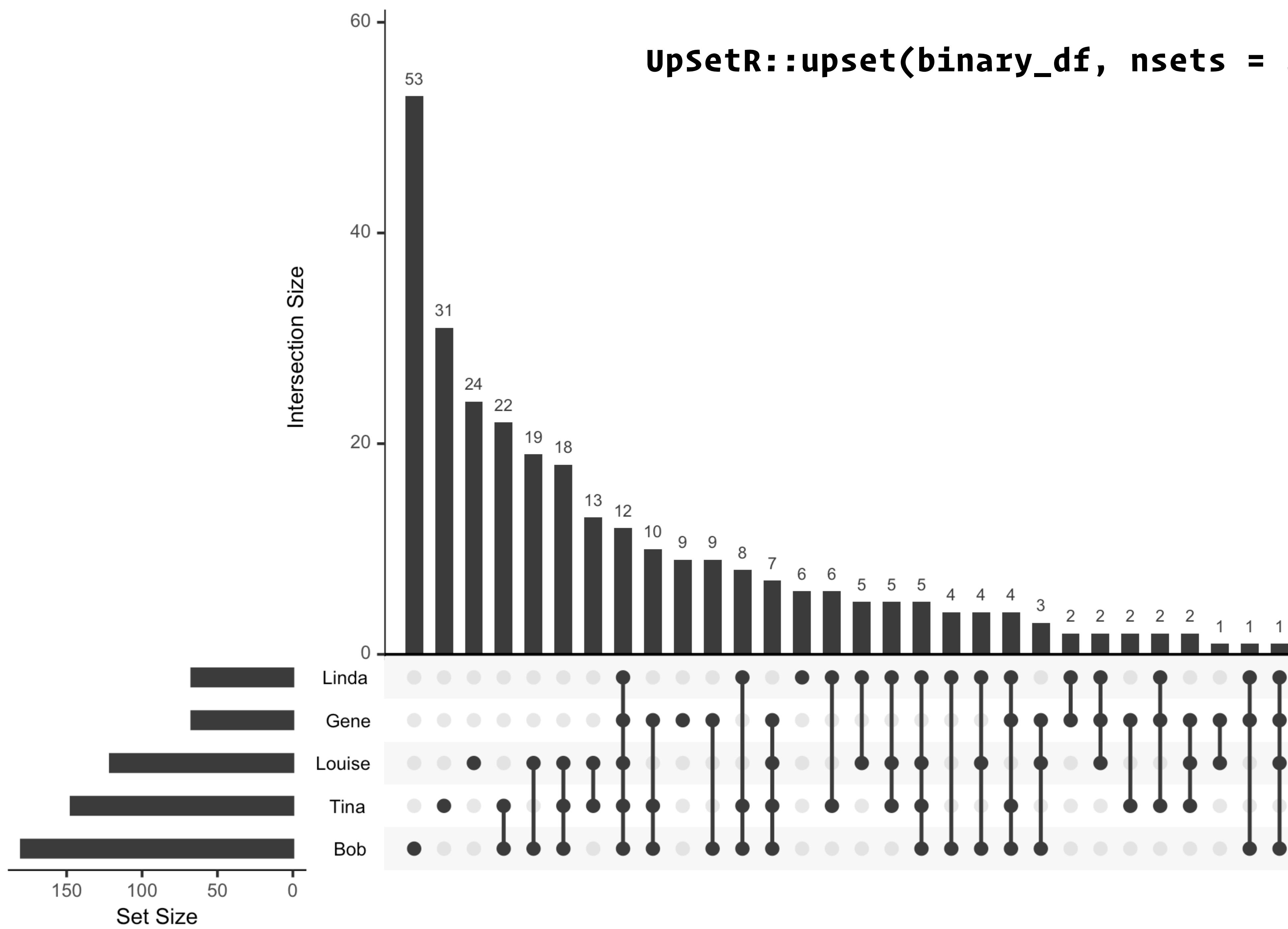
belcher_results %>%
  tidyverse::pivot_wider(
    names_from = response,
    values_from = identify,
    values_fill = list(identify = 0)
)
  
```

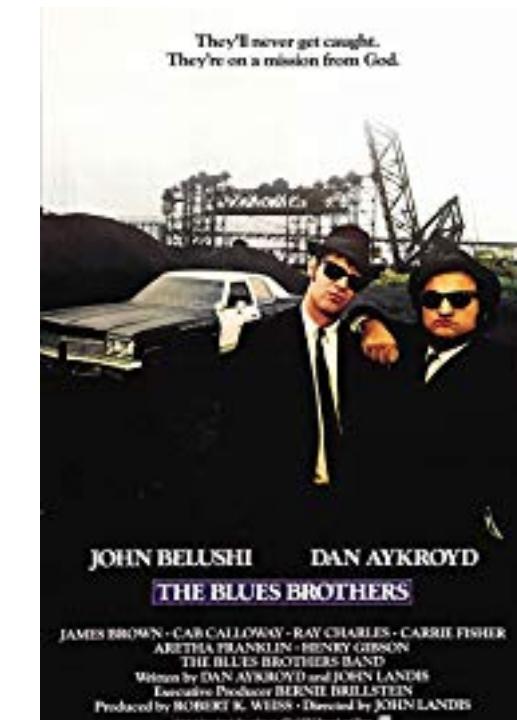
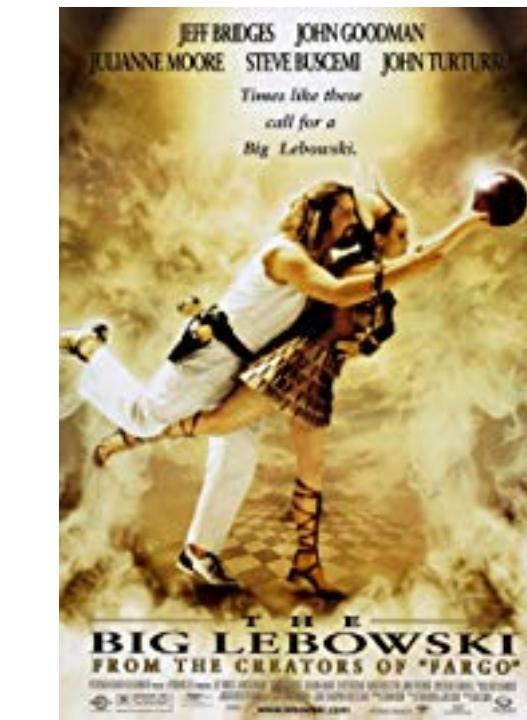
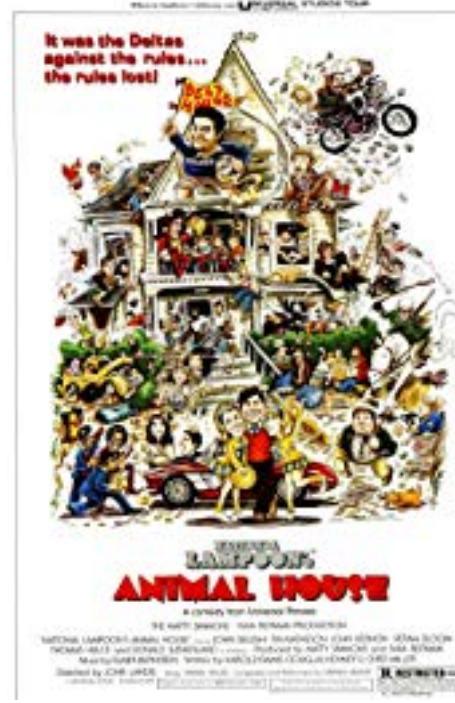
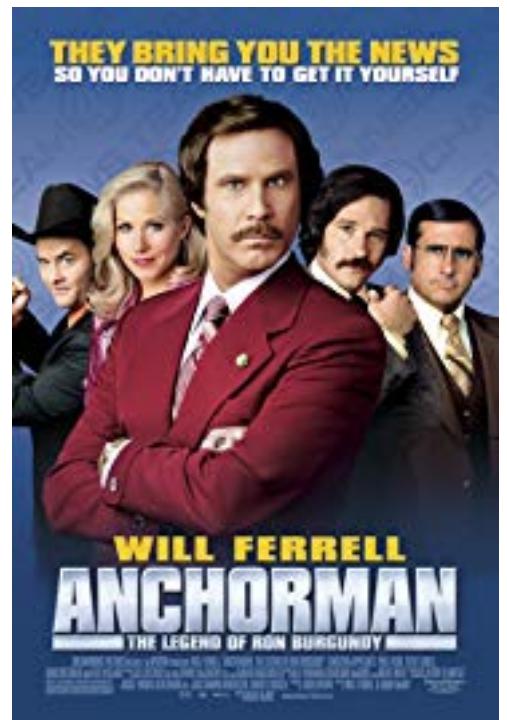
resp_id	response	identify
<int>	<chr>	<dbl>
1	Linda	1
1	Tina	1
1	Louise	1
2	Bob	1
2	Gene	1
3	Bob	1

resp_id	Linda	Tina	Louise	Bob	Gene
<int>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	1	1	1	0	0
2	0	0	0	1	1
3	0	1	0	1	1
4	1	1	1	1	1
5	0	0	0	1	0
6	0	0	1	0	0

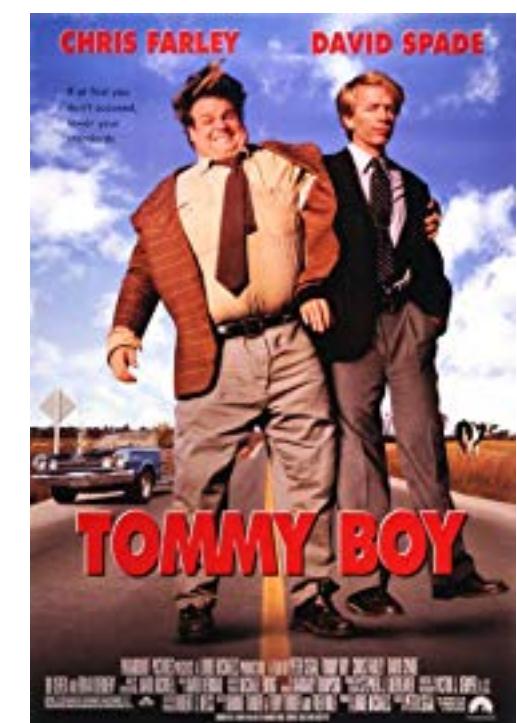
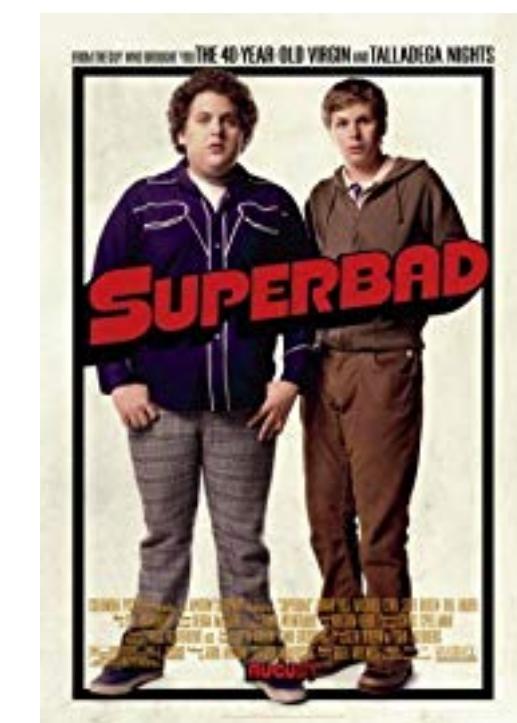
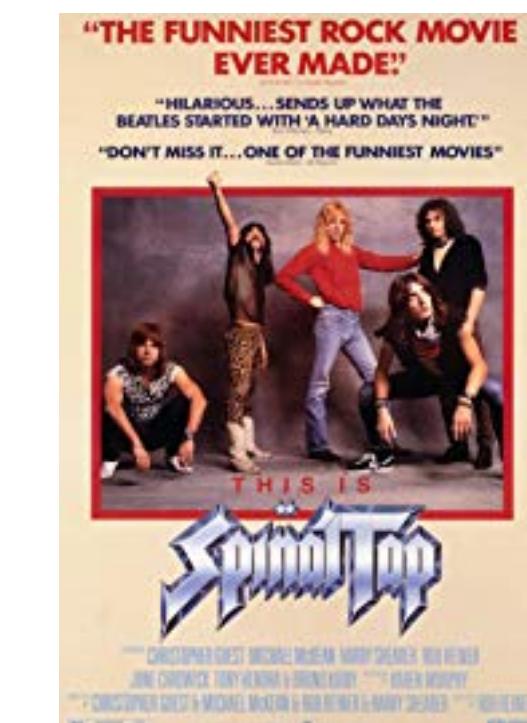
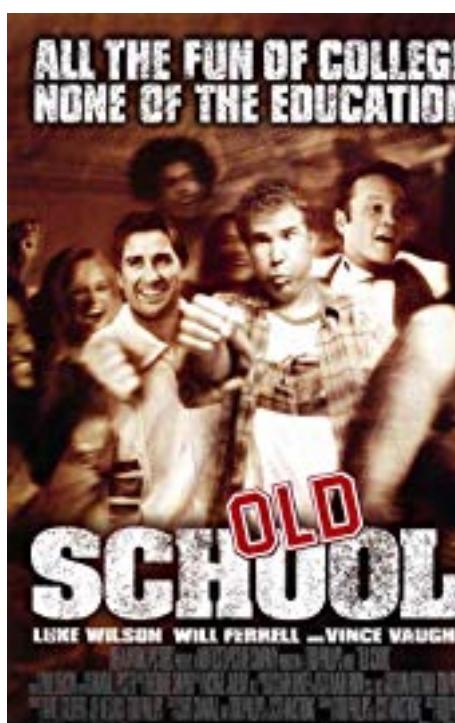
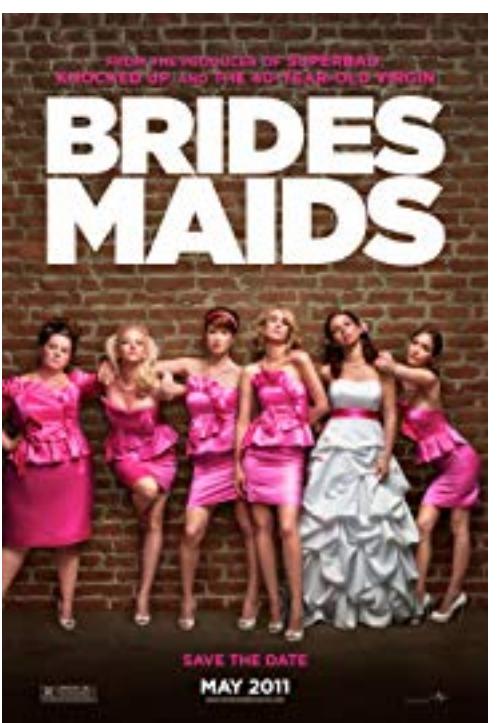
```
belcher_results %>%  
  tidyverse::pivot_wider(  
    names_from = response,  
    values_from = identify,  
    values_fill = list(identify = 0)  
  ) %>%  
  dplyr::select(-resp_id)#> # A tibble: 290 x 5  
#>   Linda  Tina Louise Bob  Gene  
#>   <dbl> <dbl>  <dbl> <dbl> <dbl>  
#> 1     1     1      1     1     0     0  
#> 2     0     0      0     0     1     1  
#> 3     0     1      0     0     1     1  
#> 4     1     1      1     1     1     1  
#> 5     0     0      0     0     1     0  
#> 6     0     0      0     1     0     0  
#> 7     0     0      0     0     1     0  
#> 8     0     0      0     0     1     0  
#> 9     0     0      0     0     1     1  
#> 10    1     1      0     0     1     0  
#> # ... with 280 more rows
```

## **UpSetR::upset(binary\_df, nsets = 5)**





I have seen this movie...



```
glimpse(movie_results)
#> Observations: 142
#> Variables: 14
#> $ resp_id           <chr> "1", "2", "3", "4", "5", "6", "7", "8", "9", ...
#> $ airplane          <lgl> TRUE, FALSE, FALSE, FALSE, FALSE, FALSE, TRUE...
#> $ anchorman         <lgl> TRUE, TRUE, FALSE, FALSE, TRUE, TRUE, TRUE, F...
#> $ animal_house      <lgl> TRUE, TRUE, FALSE, FALSE, FALSE, FALSE, FALSE...
#> $ the_big_lebowski   <lgl> FALSE, TRUE, TRUE, FALSE, FALSE, TRUE, TRUE, ...
#> $ the_blues_brothers <lgl> TRUE, FALSE, FALSE, FALSE, FALSE, TRUE, FALSE...
#> $ borat              <lgl> FALSE, FALSE, TRUE, FALSE, FALSE, TRUE, FALSE...
#> $ bridesmaids        <lgl> TRUE, TRUE, FALSE, FALSE, TRUE, FALSE, FALSE, ...
#> $ office_space       <lgl> FALSE, TRUE, FALSE, FALSE, FALSE, FALSE, FALSE...
#> $ old_school          <lgl> FALSE, TRUE, FALSE, FALSE, FALSE, FALSE, FALSE...
#> $ this_is_spinal_tap  <lgl> FALSE, FALSE, FALSE, FALSE, FALSE, TRUE, FALSE...
#> $ tommy_boy           <lgl> FALSE, FALSE, FALSE, FALSE, FALSE, FALSE, FALSE...
#> $ superbad            <lgl> TRUE, TRUE, FALSE, FALSE, FALSE, TRUE, TRUE, ...
#> $ age                 <dbl> 48, 31, 30, 20, 29, 28, 24, 42, 33, 34, 33, 3...
```

```
movie_results %>%
  pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )
```

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

```
movie_results %>%
  tidyr::pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )
```

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

```

movie_results %>%
  tidyr::pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )

```

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

```
movie_results %>%
  tidyr::pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )
```

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

```
movie_results %>%
  tidyr::pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )
```

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

```
movie_results %>%
  tidyr::pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  )
```

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

Whatever — you get the idea

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

<b>resp_id</b>	<b>age</b>	<b>movie</b>	<b>seen</b>
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

<b>resp_id</b>	<b>age</b>	<b>airplane</b>	<b>anchorman</b>	<b>bridesmaids</b>
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

resp_id	age	movie	seen
1	48	airplane	TRUE
1	48	anchorman	TRUE
1	48	bridesmaids	TRUE
2	31	airplane	FALSE
2	31	anchorman	TRUE
2	31	bridesmaids	TRUE
3	30	airplane	FALSE
3	30	anchorman	FALSE
3	30	bridesmaids	FALSE

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

src: [@dataandme](#)

resp_id	age	airplane	anchorman	bridesmaids
1	48	TRUE	TRUE	TRUE
2	31	FALSE	TRUE	TRUE
3	30	FALSE	FALSE	FALSE

src: [@dataandme](#)

```
movie_results %>%
  pivot_longer(
    cols = one_of(logicols),
    names_to = "movie",
    values_to = "seen"
  ) %>%
  mutate(seen_num = as.numeric(seen))
#> # A tibble: 1,704 x 5
#>   resp_id    age movie          seen  seen_num
#>   <chr>     <dbl> <chr>        <lgl>    <dbl>
#> 1 1           48  airplane      TRUE      1
#> 2 1           48  anchorman    TRUE      1
#> 3 1           48  animal_house TRUE      1
#> 4 1           48  the_big_lebowski FALSE     0
#> 5 1           48  the_blues_brothers TRUE      1
#> 6 1           48  borat        FALSE     0
#> 7 1           48  bridesmaids TRUE      1
#> 8 1           48  office_space FALSE     0
#> 9 1           48  old_school   FALSE     0
#> 10 1          48  this_is_spinal_tap FALSE     0
#> # ... with 1,694 more rows
```

```
movie_bin %>%
  group_by(movie) %>%
  summarise(pct_seen = sum(seen_num) / n()) %>%
  arrange(desc(pct_seen))
#> # A tibble: 12 x 2
#>   movie          pct_seen
#>   <chr>        <dbl>
#> 1 the_big_lebowski 0.711
#> 2 office_space    0.648
#> 3 superbad        0.648
#> 4 airplane         0.641
#> 5 anchorman       0.634
#> 6 bridesmaids    0.599
#> 7 borat           0.563
#> 8 the_blues_brothers 0.556
#> 9 old_school      0.451
#> 10 animal_house   0.444
#> 11 this_is_spinal_tap 0.359
#> 12 tommy_boy      0.338
```



```
movie_bin %>%  
  group_by(movie) %>%  
  summarise(pct_seen = sum(seen_num) / n()) %>%  
  arrange(desc(pct_seen))  
#> # A tibble: 12 x 2  
#>   movie                pct_seen  
#>   <chr>              <dbl>  
#> 1 the_big_lebowski    0.711  
#> 2 office_space        0.648  
#> 3 superbad            0.648  
#> 4 airplane             0.641  
#> 5 anchorman           0.634  
#> 6 bridesmaids         0.599  
#> 7 borat                0.563  
#> 8 the_blues_brothers  0.556  
#> 9 old_school           0.451  
#> 10 animal_house        0.444  
#> 11 this_is_spinal_tap  0.359  
#> 12 tommy_boy           0.338
```



# **THE BELCHER FAMILY**

## **HOIST()**



# belchers

```
# A tibble: 5 x 1
```

	<b>info</b>
	<b>&lt;list&gt;</b>
1	<named list [7]>
2	<named list [7]>
3	<named list [7]>
4	<named list [7]>
5	<named list [7]>

info[[1]]

name	Bob
age	46
father	Big Bob
mother	NA
siblings	NA
children	list(3)
glasses	FALSE

info[[2]]

name	Linda
age	45
father	Al
mother	Gloria
siblings	list(1)
children	list(3)
glasses	TRUE

info[[3]]

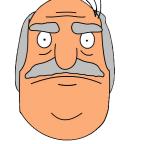
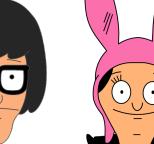
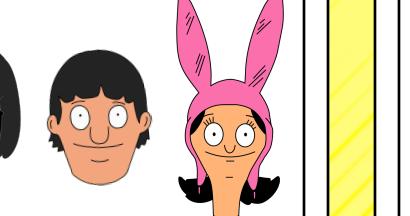
name	Tina
age	13
father	Bob
mother	Linda
siblings	list(2)
children	NA
glasses	TRUE

info[[4]]

name	Gene
age	11
father	Bob
mother	Linda
siblings	list(2)
children	NA
glasses	FALSE

info[[5]]

name	Louise
age	9
father	Bob
mother	Linda
siblings	list(2)
children	NA
glasses	FALSE

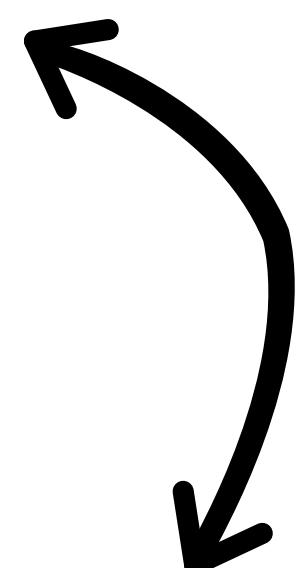
info[1]		info[2]		info[3]		info[4]		info[5]	
name	Bob	name	Linda	name	Tina	name	Gene	name	Louise
age	46	age	45	age	13	age	11	age	9
father		father		father		father		father	
mother		mother		mother		mother		mother	
siblings		siblings		siblings		siblings		siblings	
children		children		children		children		children	

+ pretend glasses is in here, too

```
belchers %>% hoist(info,
  name = "name",
  age = "age",
  dad = "father",
  firstborn = list("children", 1L)
)
```

From the belchers data frame in the listcol info, I want the element "name" in a column I'll call name, the element "age" in a column I'll call age, and the element "father" in a column I'll call dad. I'll also get the first element of the nested listcol "children" and call it firstborn.

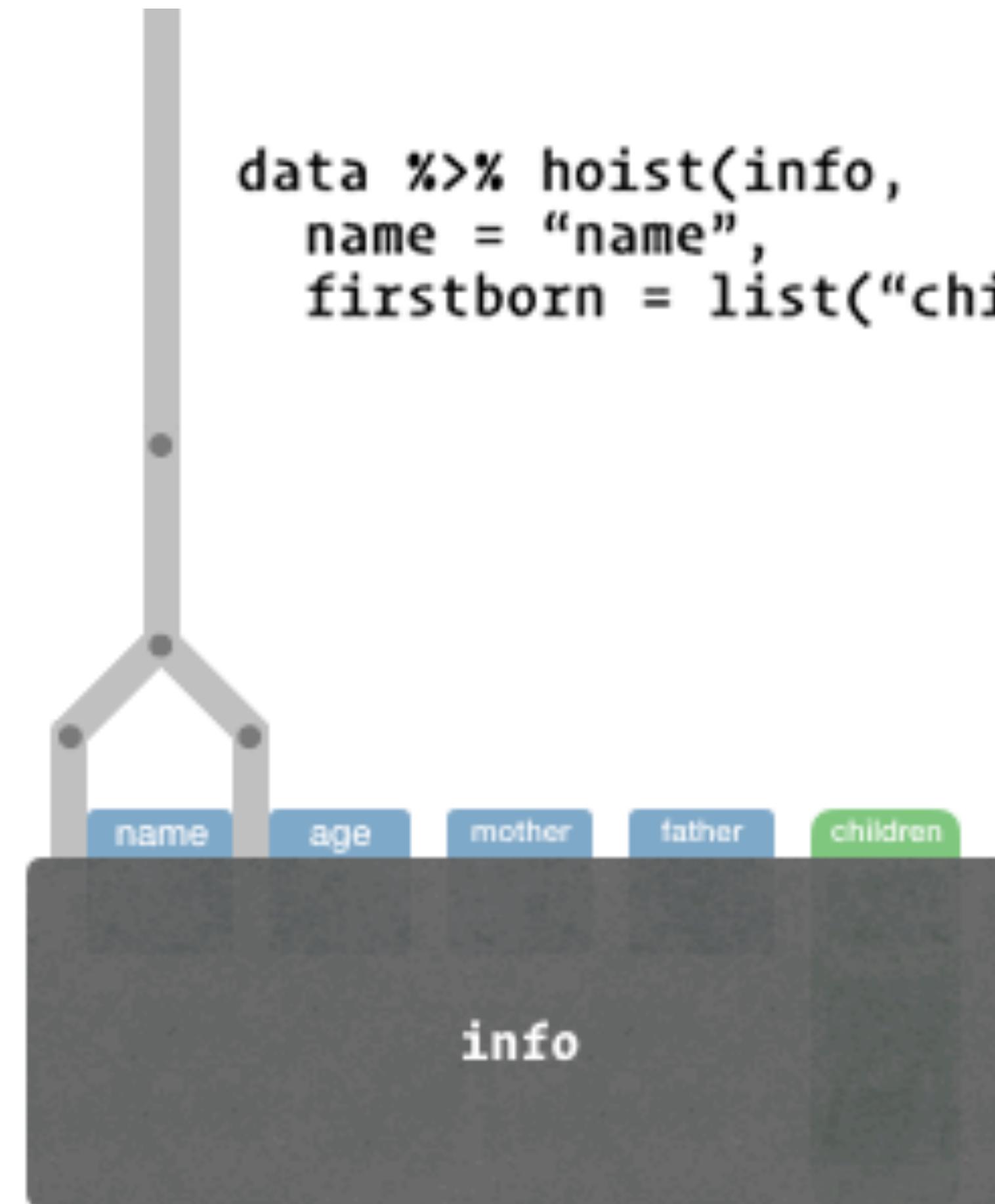
	name	age	dad	firstborn	info
1	Bob	46	Big Bob	Tina	<named list [4]>
2	Linda	45	Al	Tina	<named list [4]>
3	Tina	13	Bob	NA	<named list [4]>
4	Gene	11	Bob	NA	<named list [4]>
5	Louise	9	Bob	NA	<named list [4]>



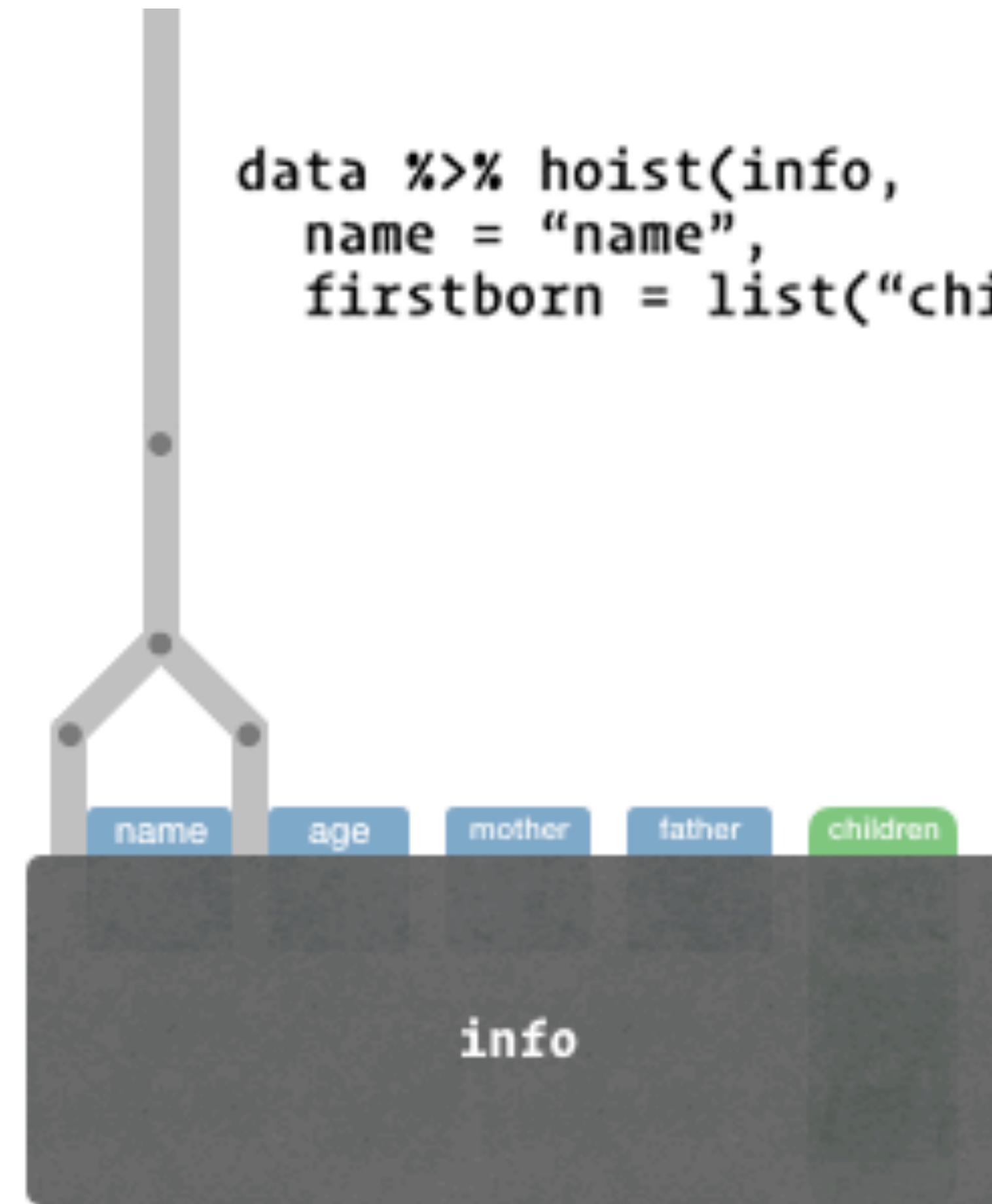
info[[1]]	info[[2]]	info[[3]]	info[[4]]	info[[5]]
mother NA	mother Gloria	mother Linda	mother Linda	mother Linda
siblings NA	siblings list(1)	siblings list(2)	siblings list(2)	siblings list(2)
children list(2)	children list(2)	children NA	children NA	children NA
glasses FALSE	glasses TRUE	glasses TRUE	glasses FALSE	glasses FALSE

Note how, unlike with the non-list elements, "children" stays in info in the output. The length of the "children" list is one shorter than it was before in the rows that had any to begin with.

```
data %>% hoist(info,  
  name = "name",  
  firstborn = list("children", 1L))
```



```
data %>% hoist(info,  
  name = "name",  
  firstborn = list("children", 1L))
```





Source: "It Snakes a Village." *Bob's Burgers*. Fox. 24 March, 2013.



Source: "It Snakes a Village." *Bob's Burgers*. Fox. 24 March, 2013.