

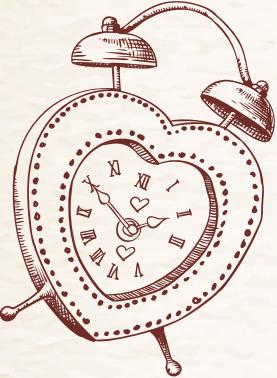
The Bachelor & Bachelorette

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A Little Bit of Context...



The Bachelor and The Bachelorette are a reality dating show where one individual dates around 26~50 people at one time. The first Bachelor season aired in March 2002 and The Bachelorette followed soon after in January 2003. There are currently 28 seasons of the Bachelor and 20 seasons of The Bachelorette, however, today we will only discuss the seasons up until 2020.



Data

- We found our data from Github
- We worked with 4 .cvs datasets which included info about hometowns, contestants, seasons, and eliminations



Cast of season 28, 2024

Problems we faced *aka pains in our butt*



- Combining data sets
- Interpreting certain data (object names)
- Adjusting the data, since many columns combined variables like city + state and first + last name

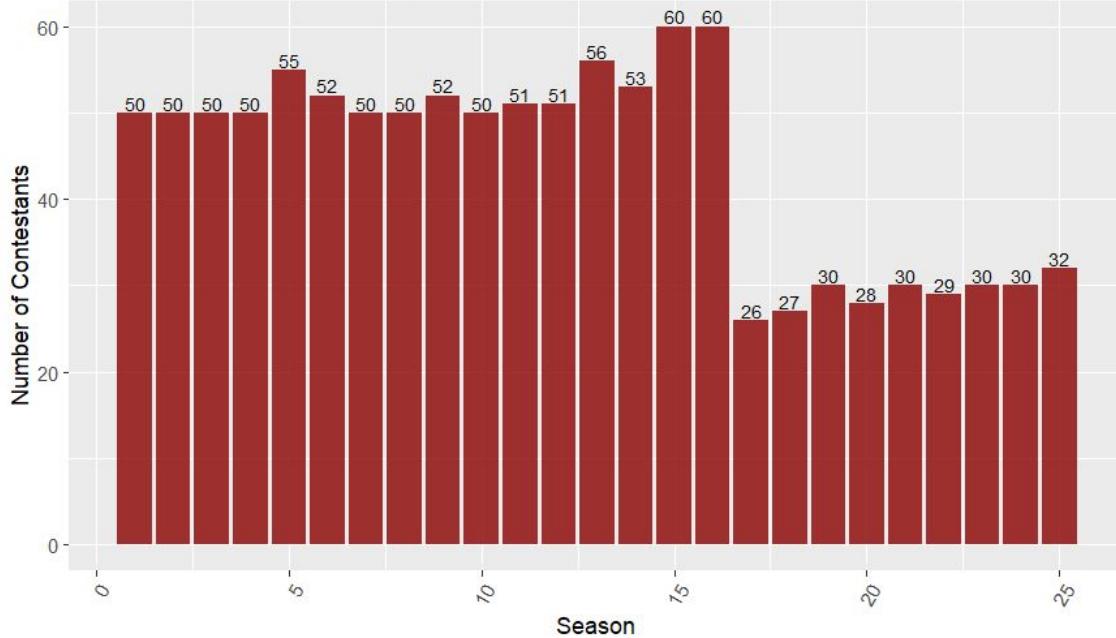
show.x	season	first_name	last_name	episode	action	age	occupation	city	state
1	Bachelorette	3	Keith	NA	1 R1	31	Financial Analyst	Baltimore	Maryland
2	Bachelorette	4	Graham	Bunn	2 R	29	Professional basketball player	Raleigh	North Carolina
3	Bachelorette	4	Jason	Mesnick	3 R	31	Account executive	Cleveland	Ohio
4	Bachelorette	4	Jesse	Csincsak	1 R1	26	Professional snowboarder	Breckenridge	Colorado
5	Bachelorette	4	Jesse	Csincsak	4 R	26	Professional snowboarder	Breckenridge	Colorado
6	Bachelorette	4	Richard	Mathy	1 R1	27	Science teacher	Sauquoit	New York
7	Bachelor	5	Trish	Schneider	1 R1	28	Model	Atlanta	Georgia
8	Bachelorette	5	Ed	Swiderski	3 R	29	Technology Consultant	Monroe	Michigan
9	Bachelorette	5	Jesse	Kovacs	5 R	27	Wine Maker	Carmel Valley	California
10	Bachelorette	5	Juan	Barbieri	2 R	35	General Contractor	Buenos Aires	Argentina
11	Bachelorette	5	Kiptyn	Locke	4 R	31	Business Developer	Encinitas	California
12	Bachelorette	5	Reid	Rosenthal	6 R	30	Realtor	Upper Dublin	Pennsylvania
13	Bachelorette	6	Frank	Neuschaefer	6 R	31	Retail Manager	Bartlett	Illinois
14	Bachelorette	6	Kirk	DeWindt	3 R	27	Sales Consultant	Green Bay	Wisconsin
15	Bachelorette	6	Ty	Brown	5 R	31	Medical Sales	Booneville	Mississippi
16	Bachelor	7	Jenny	NA	1 R	23	Marketing Coordinator	Edmonton	Alberta
17	Bachelor	7	Kerry	NA	1 R1	32	Director of Mergers & Acquisitions	Chicago	Illinois
18	Bachelor	7	Kimberley	NA	1 R	25	Swimsuit Model	Edmonton	Alberta
19	Bachelor	7	Kimberley	NA	3 R	25	Swimsuit Model	Edmonton	Alberta
20	Bachelorette	7	Ben	Castoriano	3 R	28	Lawyer	Lake Charles	Louisiana
21	Bachelorette	7	Ben	Flajnik	5 R	28	Wine Maker	Sonoma	California
22	Bachelorette	7	J.P.	Rosenbaum	6 R	NA	NA	NA	NA
23	Bachelorette	7	Ryan	Park	6 R	31	Solar Energy Executive	San Luis Obispo	California
24	Bachelorette	7	William	Holman	2 R	30	Cellular Phone Salesman	Fostoria	Ohio
25	Bachelor	8	Sarah	B	3 R	23	Student	Winnipeg	Manitoba
26	Bachelorette	8	Chris	Bukowski	6 R	25	Corporate Sales Director	Chicago	Illinois
27	Bachelorette	8	Jef	Holm	2 R	27	Entrepreneur	St. George	Utah
28	Bachelorette	8	Jef	Holm	5 R	27	Entrepreneur	St. George	Utah
29	Bachelorette	8	Sean	Lowe	3 R	28	Insurance Agent	Irving	Texas
30	Bachelorette	8	Sean	Lowe	7 R	28	Insurance Agent	Irving	Texas
31	Bachelor	9	Agnese	Polliza	3 R	24	Student	Venice	Italy

- Reconstructed data set commissions the information about the contestants as well and about the eliminations
- Filtered out anything objects from the action column that we could interpret.
- Separated first and last name
- Remove unnecessary columns



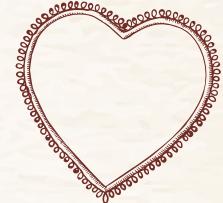
Trend in Number of Contestants

Number of Contestants by Season

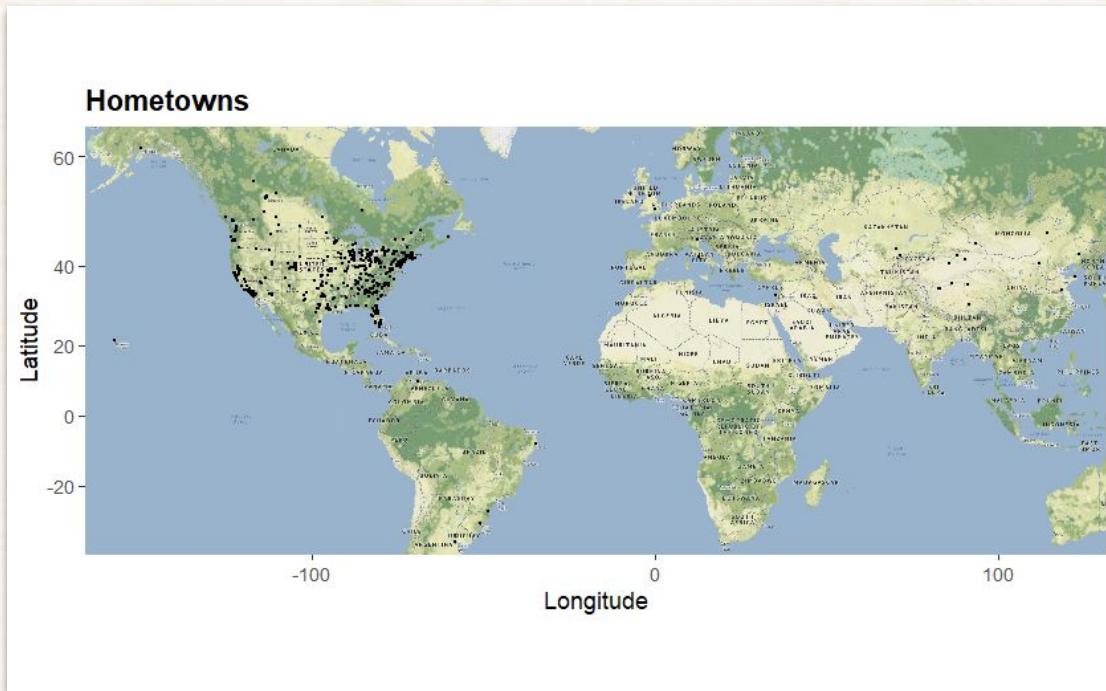


Number of seasons

show	n
<chr>	<int >
Bachelor	24
Bachelorette	17



Where do the contestants come from?





..... Who is
most likely
to end up
on this
show???

Popular names

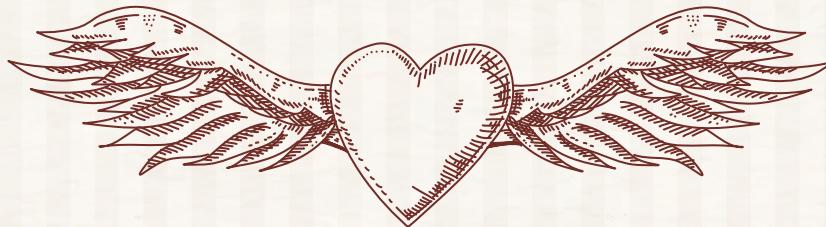
Bachelorette

Bachelor



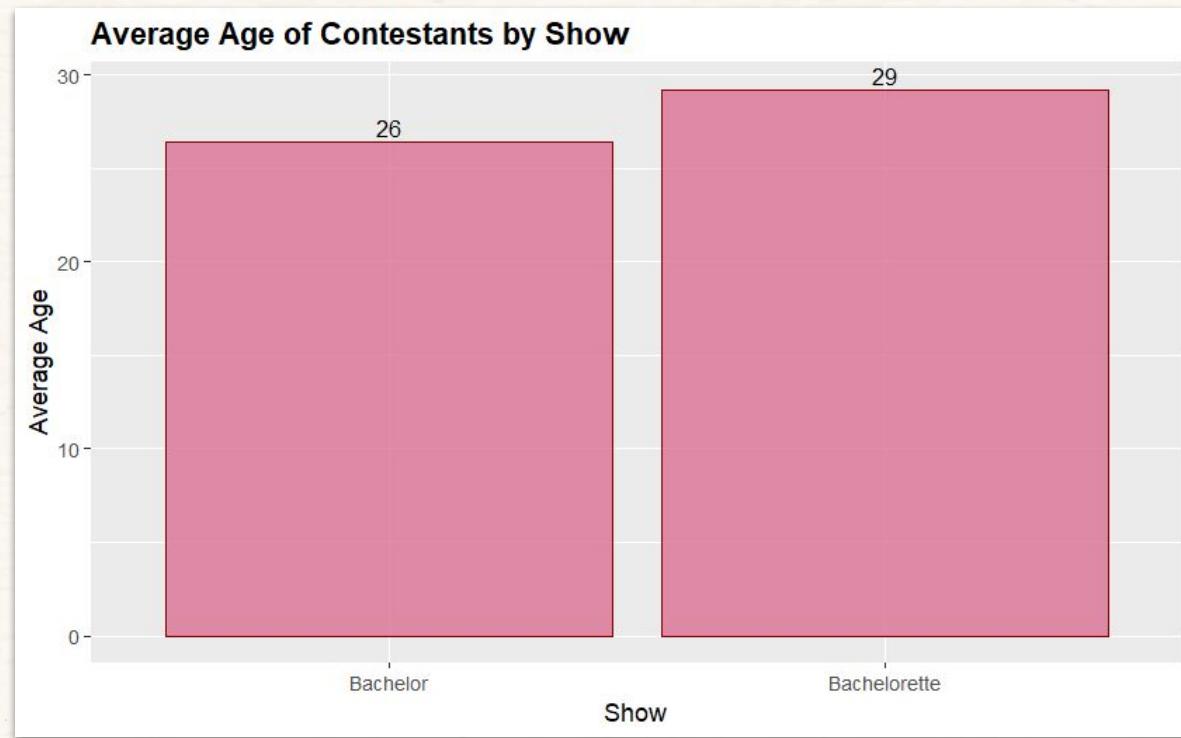
first_name <chr>	count <int>
Chris	15
Ryan	14
Brian	11

first_name <chr>	count <int>
Lauren	17
Sarah	12
Amber	11

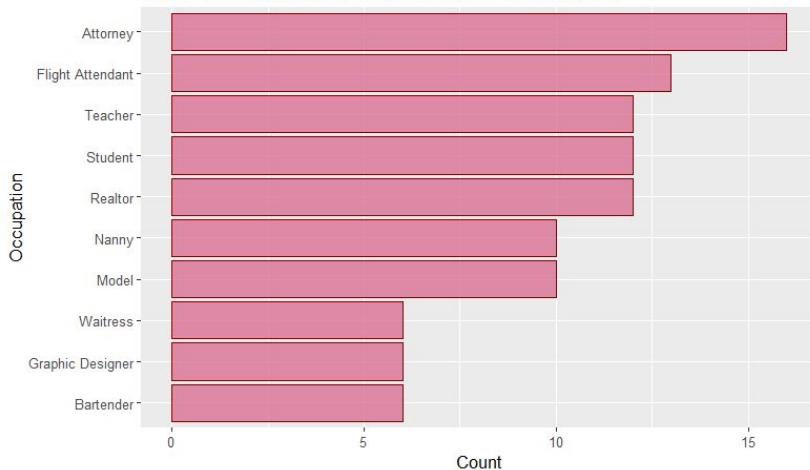




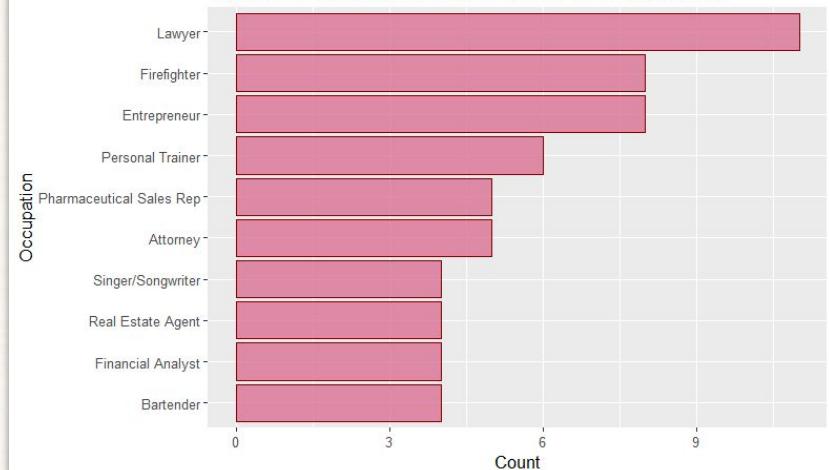
Contestant's Age



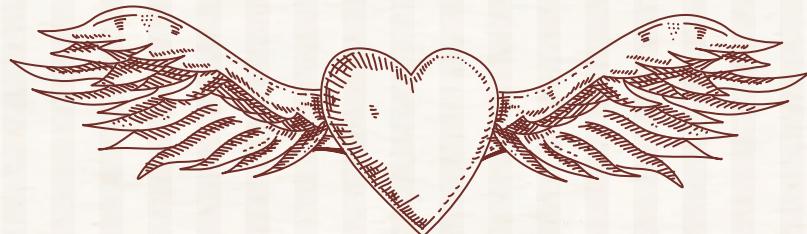
Top 10 Occupations of Contestants on The Bachelor



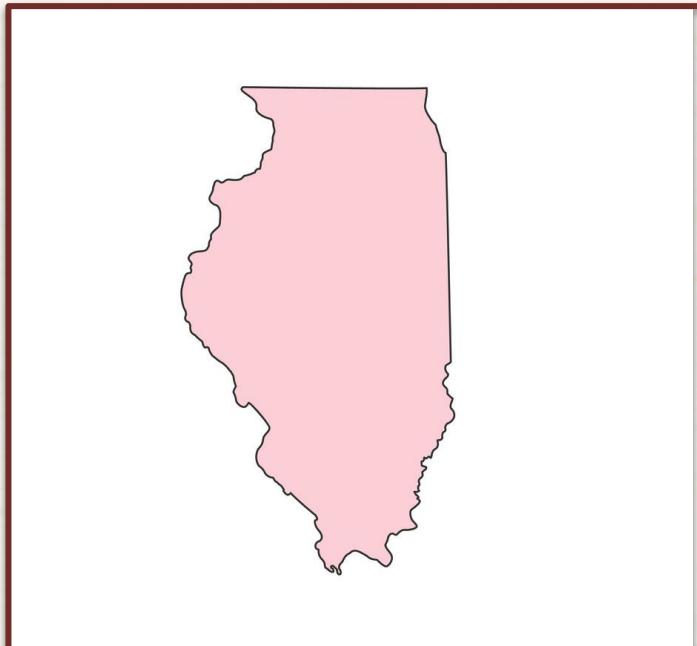
Top 10 Occupations of Contestants on The Bachelorette



~Most Popular Occupations~



Lots of people from Chicago



hometown

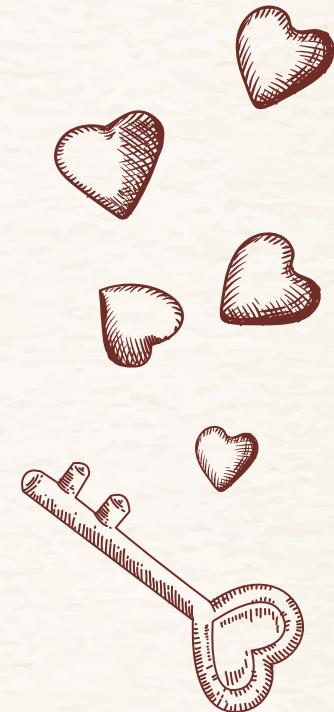
<chr>

Chicago, Illinois

count

<int>

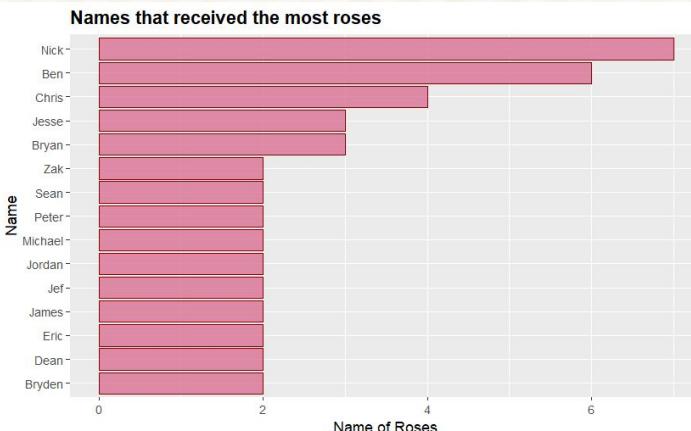
35



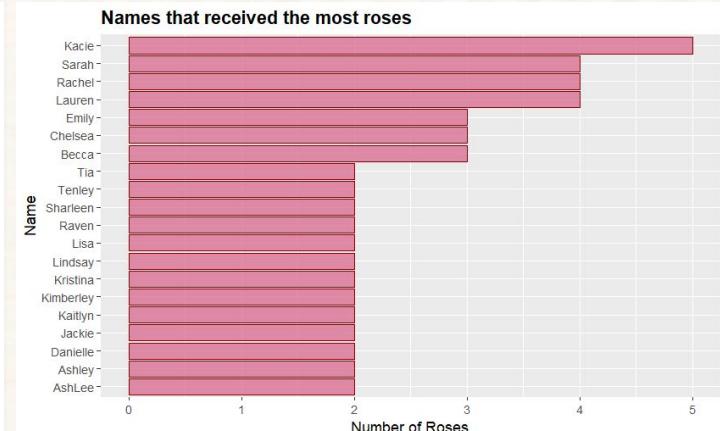


Significance of the roses

- The roses are given out to contestants throughout the show if the Bachelor/Bachelorette wants to keep them in the competition.



The Bachelor



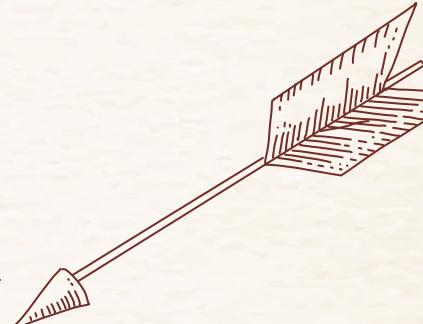
Bachelorette

Most roses received by state

Bachelor: California

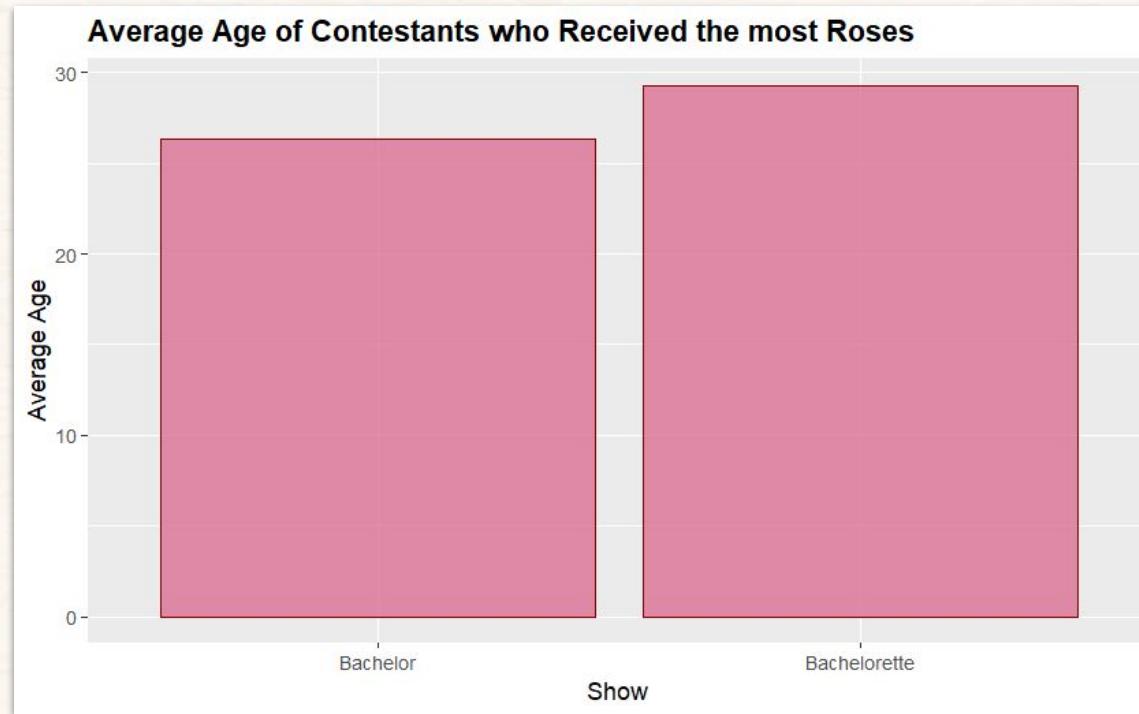


Bachelorette: Wisconsin





Which age group received the most roses?

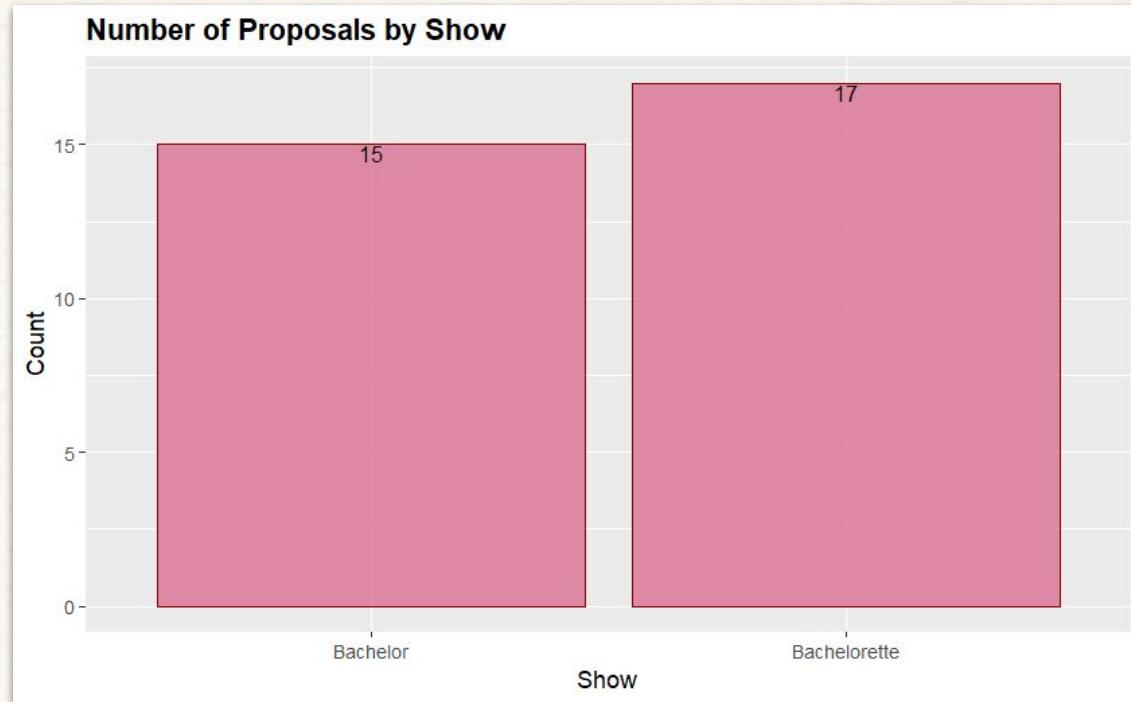
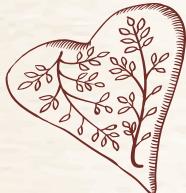


Relationship between number roses and proposals

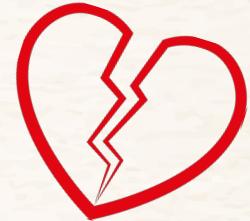


Bachelor: 103 roses

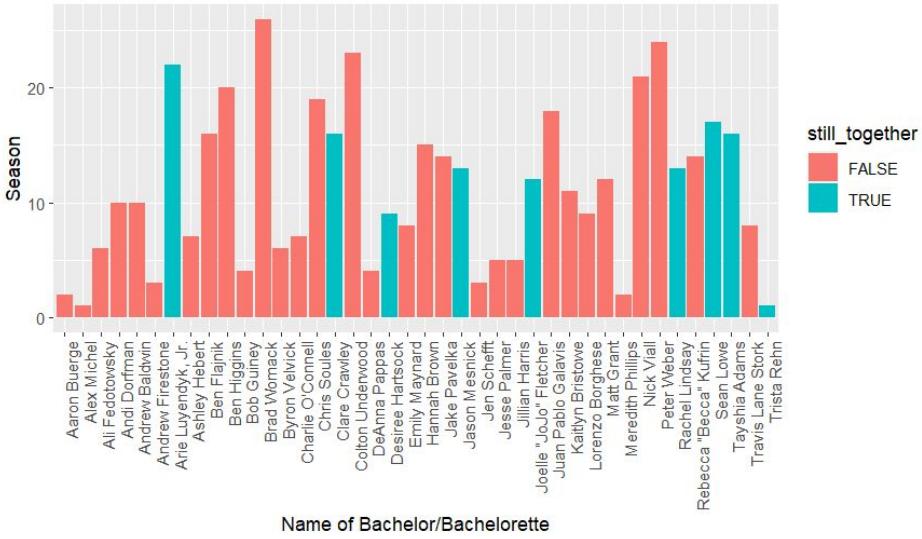
Bachelorette: 77 roses



But Do These Couples Last?

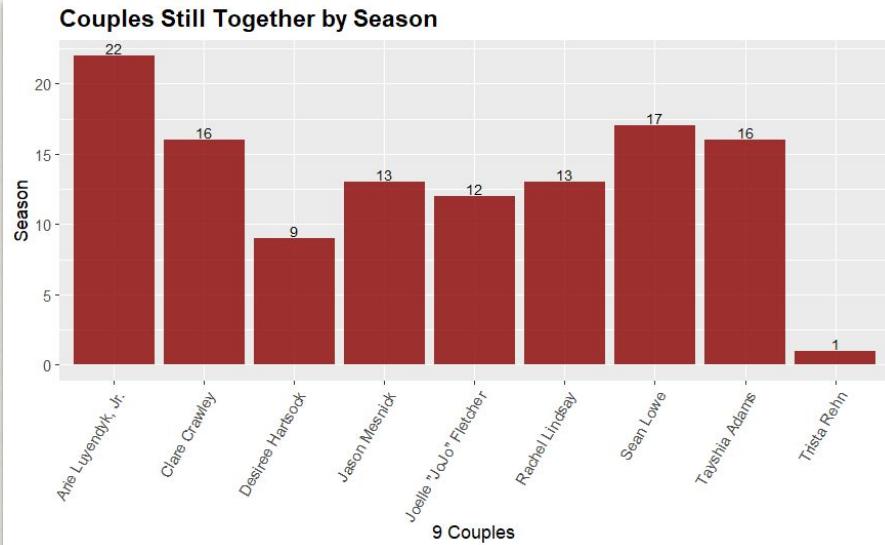


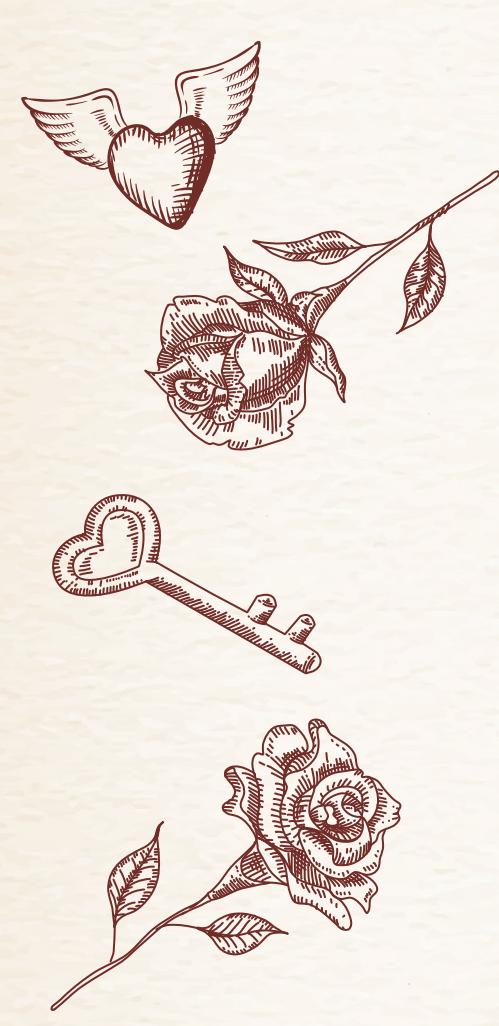
Couple's Relationship Status by Season



The Bachelor = 12.5%
success rate

The Bachelorette
= 35% success rate





Thank You!

Any Questions???

