

THE DATA: SEASON 1

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	5.1
2	4.3
3	4.2
4	4.4
5	4.3
6	4.4
7	4.2
8	4.4

Episode Number	Episode Rating
9	4.3
10	4.2
11	3.8
12	4
13	4.2
14	4.2
15	4.1
16	4.3

Episode Number	Episode Rating
17	4
18	4.3
19	4.4
20	4.6
21	4
22	4.4
23	4.5
24	5

THE DATA: SEASON 2

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	5.1
2	5.4
3	5.4
4	5.4
5	5.1
6	4.7
7	4.7
8	4.5
9	4.6
10	4.4
11	4.4
12	5.2
13	4.7

Episode Number	Episode Rating
14	4.8
15	4.7
16	4.8
17	4.9
18	4.6
19	4.9
20	4.9
21	4.6
22	4.8
23	4.5
24	4.8
25	4.5
26	4.8

Episode Number	Episode Rating
27	4.3
28	4.4
29	4.8
30	4.8
31	4.5
32	4.7
33	5
34	5.1
35	4.7
36	5.2
37	4
38	4.6
39	5.9

THE DATA: SEASON 3

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	4.6
2	4.8
3	4.8
4	5
5	5.1
6	5.2
7	5.4
8	5
9	4.8
10	5.5
11	4.9
12	4.9
13	4.9
14	4.9
15	5.4

Episode Number	Episode Rating
16	4.9
17	5.6
18	4.7
19	4.9
20	5.9
21	5.7
22	5.5
23	5.2
24	5.4
25	5.3
26	5.9
27	5.7
28	5.8
29	5.2
30	6

Episode Number	Episode Rating
31	4.7
32	5.6
33	5.5
34	5.6
35	5.6
36	5.3
37	5.1
38	5
39	5.8
40	6.2
41	5.1
42	5.2
43	5.9

THE DATA: SEASON 4

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	4.9
2	4.1
3	4.8
4	4.6
5	4.7
6	4.6
7	4.3
8	4.6
9	4.7
10	5.2
11	5
12	4.4
13	4.8
14	5.8
15	4.8

Episode Number	Episode Rating
16	5.5
17	5.6
18	5.1
19	4.9
20	4.8
21	5.1
22	5.7
23	5.2
24	5.2
25	5.6
26	5.1
27	5.7
28	5.2
29	5.1
30	5.1

Episode Number	Episode Rating
31	5.1
32	5.1
33	5.2
34	5.1
35	5.6
36	5.5
37	4.4
38	5
39	5.4
40	4.7
41	4.6
42	5.2
43	4.1

THE DATA: SEASON 5

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	3.5
2	4.2
3	3.7
4	3.9
5	3.8
6	3.6
7	3.7
8	4.6
9	4.4
10	5.3
11	4.1
12	4.7
13	4.8
14	4.4

Episode Number	Episode Rating
15	4.8
16	4.8
17	4.3
18	4.7
19	5.3
20	5.3
21	5.1
22	5.3
23	5.5
24	4.6
25	4.9
26	5.2
27	5.1
28	5.1

Episode Number	Episode Rating
29	5.1
30	5.3
31	5.4
32	4.7
33	4.9
34	4.9
35	4.9
36	4.9
37	4.9
38	4.9
39	5.4
40	5.1
41	5.6

THE DATA: SEASON 6

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	3.9
2	4.8
3	5.3
4	4.3
5	4.2
6	3.8
7	3.7
8	3.9
9	4.6
10	5
11	4.7
12	4.5
13	5.3
14	4.1

Episode Number	Episode Rating
15	4.2
16	4.2
17	4.2
18	4.3
19	4.3
20	4.2
21	4
22	4.5
23	3.9
24	4.5
25	4.2
26	4.3
27	4.2
28	4

Episode Number	Episode Rating
29	4
30	4.5
31	4.1
32	5
33	5.5
34	5.2
35	5.6
36	3.7
37	4.3
38	4.7
39	4.2
40	4.7
41	7.1

THE DATA: SEASON 7

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	5.7
2	5.3
3	4.6
4	4.6
5	3.7
6	4.4
7	4.1
8	4.5
9	4.4
10	5.1
11	5.3
12	5
13	4.8
14	5.2

Episode Number	Episode Rating
15	4
16	4.5
17	4.5
18	4.7
19	4.3
20	4.5
21	4.4
22	4
23	5.3
24	3.9
25	4.4
26	4.3
27	4.8
28	4.5

Episode Number	Episode Rating
29	4.8
30	4.2
31	4.3
32	3.9
33	4.5
34	4.5
35	4.4
36	5.5
37	4.4
38	3.9
39	4.2
40	4.3
41	5.8
42	7.4

THE DATA: SEASON 8

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.2
2	4.2
3	4.7
4	4.9
5	5.1
6	5.3
7	5.7
8	4.7
9	5.7
10	5.8
11	5.6
12	5.7
13	5
14	5.4

Episode Number	Episode Rating
15	5.6
16	5.1
17	5.3
18	5.3
19	5.6
20	5.3
21	5.3
22	5.3
23	6.2
24	5.3
25	5.6
26	5.2
27	5.9
28	5.7

Episode Number	Episode Rating
29	5.8
30	5.8
31	5.7
32	6.5
33	5.4
34	8.1
35	6
36	5.7
37	7
38	5.7
39	7
40	7.1

THE DATA: SEASON 9

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	4.9
2	4.9
3	4
4	5.4
5	4.3
6	4.1
7	5.1
8	5.3
9	5.1
10	5.2
11	4.3
12	4.8
13	4.5
14	4.5
15	4.7

Episode Number	Episode Rating
16	4.7
17	4.8
18	4.8
19	4.9
20	5
21	5.5
22	4.9
23	5
24	4.7
25	4.8
26	5.7
27	5.3
28	5.1
29	4.8
30	5.9

Episode Number	Episode Rating
31	5.5
32	5.6
33	5
34	4.9
35	3.6
36	4.7
37	4.6
38	4.6
39	4.5
40	4.8
41	4.2
42	4.8
43	6.6

THE DATA: SEASON 10

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6
2	6.5
3	5.9
4	5.9
5	5.1
6	5.1
7	5.8
8	5
9	5.5
10	5.3
11	5.8
12	5.1
13	5.7

Episode Number	Episode Rating
14	5.2
15	7.4
16	6.2
17	5
18	5.1
19	4.9
20	5.4
21	5.1
22	5
23	5
24	6.8
25	5.2
26	6

Episode Number	Episode Rating
27	4.8
28	5.8
29	5
30	5.7
31	4.9
32	5.7
33	5.1
34	5
35	4.8
36	5.5
37	5.4
38	5.6
39	5.9

THE DATA: SEASON 11

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.8
2	5
3	5.3
4	5.4
5	5.4
6	5
7	4.8
8	5.5
9	5
10	5.2
11	5.8
12	5.5
13	6.3
14	4.6

Episode Number	Episode Rating
15	6.1
16	5.3
17	5.6
18	6
19	4.8
20	6.2
21	5.7
22	5.2
23	4.2
24	4.1
25	4.2
26	4.1
27	4.4
28	4.4

Episode Number	Episode Rating
29	4.4
30	4.3
31	4.7
32	4.2
33	4.4
34	4.1
35	5
36	6.7
37	5.1
38	5.4
39	6.8
40	5.4

THE DATA: SEASON 12

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	5.6
2	5.6
3	5.6
4	5.2
5	5.2
6	5.8
7	5
8	4.4
9	4.6
10	4.9
11	4.5
12	4.8
13	4.2

Episode Number	Episode Rating
14	3.8
15	4.4
16	4.1
17	4.2
18	4.4
19	4.1
20	3.9
21	4.6
22	4.8
23	4.8
24	4.1
25	4.5
26	4

Episode Number	Episode Rating
27	5.2
28	4.1
29	3.9
30	4
31	4
32	3.4
33	3.2
34	3.9
35	3.7
36	3.7
37	4.5

THE DATA: SEASON 13

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	5.9
2	6.6
3	6
4	5.4
5	5.6
6	5.4
7	5.1
8	4.9
9	5.3
10	5.4
11	4.7
12	5.1
13	5.4

Episode Number	Episode Rating
14	5.5
15	5.2
16	4.5
17	4.6
18	5.1
19	4.9
20	5.4
21	4.9
22	5.1
23	4.9
24	4.7
25	4.6
26	4.9

Episode Number	Episode Rating
27	4.6
28	5.2
29	4.3
30	4.3
31	4.2
32	4.9
33	4.4
34	4.9
35	4.7
36	5.3
37	5.3
38	4.5
39	5.4

THE DATA: SEASON 14

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.6
2	6.1
3	5.3
4	5.8
5	5.1
6	4.7
7	5.2
8	5.5
9	4.9
10	4.8

Episode Number	Episode Rating
11	5.2
12	5.1
13	5.9
14	5.5
15	5.6
16	5.4
17	5.6
18	5.4
19	4.8
20	4.6

Episode Number	Episode Rating
21	5.3
22	5.7
23	5.4
24	5.8
25	5.2
26	5.2
27	5.4
28	5.3
29	5.2
30	5

THE DATA: SEASON 15

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.7
2	7.2
3	6.8
4	6.3
5	6.8
6	6.7
7	6.8
8	6

Episode Number	Episode Rating
9	6.4
10	6.4
11	6.8
12	6.4
13	6.3
14	6
15	6
16	6.9

Episode Number	Episode Rating
17	5.9
18	5.6
19	5.6
20	5.5
21	6.1
22	7.4
23	6.3
24	7.8

THE DATA: SEASON 16

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.9
2	7.4
3	7.9
4	7.5
5	7.3
6	7.7
7	7.9

Episode Number	Episode Rating
8	7.7
9	7.5
10	8.2
11	7.7
12	8.4
13	8
14	8.2

Episode Number	Episode Rating
15	8
16	7.5
17	8
18	7.2
19	7

THE DATA: SEASON 17

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	8.1
2	7.7
3	8.1
4	8.2
5	8.2
6	8.4
7	8.2

Episode Number	Episode Rating
8	8.5
9	8.5
10	8.2
11	7.5
12	8
13	8
14	7.5

Episode Number	Episode Rating
15	8
16	8
17	7.4
18	7.6
19	7.1

THE DATA: SEASON 18

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	8
2	7.9
3	7.9
4	8.3
5	8.3
6	8.3

Episode Number	Episode Rating
7	8.2
8	8.3
9	8.1
10	7.9
11	7.2
12	7

Episode Number	Episode Rating
13	7.8
14	7.7
15	7.7
16	6.4

THE DATA: SEASON 19

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	7.2
2	8
3	8
4	8.3
5	8.1
6	8.5
7	8.6

Episode Number	Episode Rating
8	8.3
9	8.5
10	8.4
11	8.7
12	8.4
13	8.1
14	8.2

Episode Number	Episode Rating
15	7.8
16	8.4
17	8.2
18	7
19	7.4

THE DATA: SEASON 20

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.8
2	8.8
3	8.5
4	8.2
5	8.8
6	8.6
7	8.8

Episode Number	Episode Rating
8	8.7
9	8.4
10	8.2
11	8.5
12	9
13	8.2
14	8

Episode Number	Episode Rating
15	8.7
16	8.8
17	8.7
18	7.8
19	8
20	7.5

THE DATA: SEASON 21

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	8.4
2	8.2
3	8.7
4	8.4
5	8.2
6	8.6
7	7.7

Episode Number	Episode Rating
8	8.1
9	8.1
10	8.2
11	8.3
12	8.4
13	8.2
14	8.4

Episode Number	Episode Rating
15	8.4
16	8.4
17	7.9
18	7.9
19	7.2
20	8.1

THE DATA: SEASON 22

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	8.9
2	8.9
3	9.1
4	9.1
5	9
6	8.2

Episode Number	Episode Rating
7	9.1
8	8.5
9	8.1
10	7.9
11	8.2
12	8.8

Episode Number	Episode Rating
13	8.2
14	9.2
15	8.9
16	8.3
17	8.3
18	7.7

THE DATA: SEASON 23

Creating Scatter Plots

Below is the data for the average rating per episode for *American Idol*. Use the data to create a scatter plot.

Episode Number	Episode Rating
1	6.9
2	7.5
3	7.8
4	8.6
5	8.5
6	8.8
7	8.1

Episode Number	Episode Rating
8	8.2
9	8.6
10	7.8
11	7.4
12	8.6
13	8.2
14	8

Episode Number	Episode Rating
15	8.5
16	7.9
17	8.2
18	7.2
19	7.4