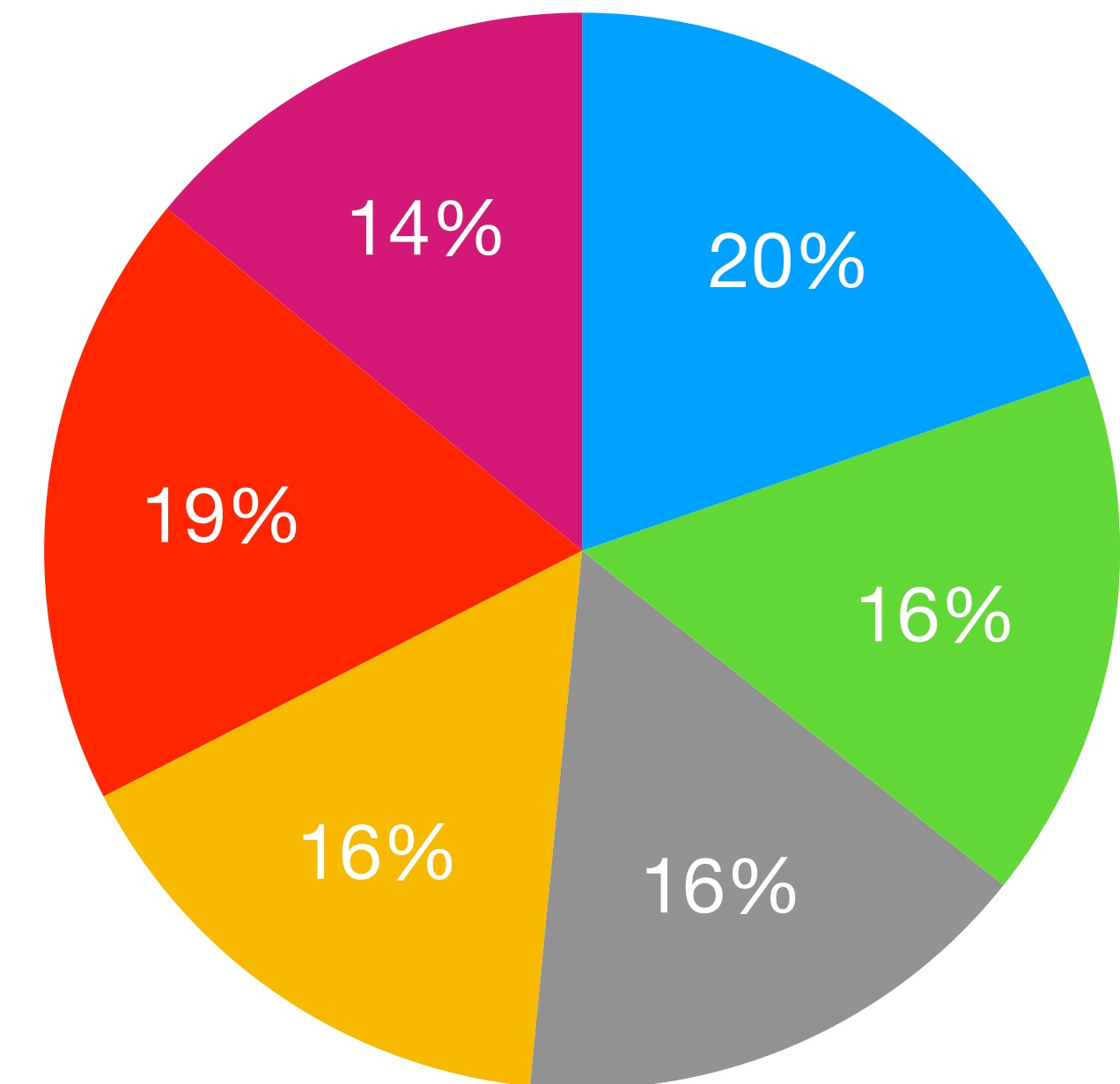


Question 1

We want to understand more about the movies that families are watching. The following categories are considered family movies: Animation, Children, Classics, Comedy, Family and Music.

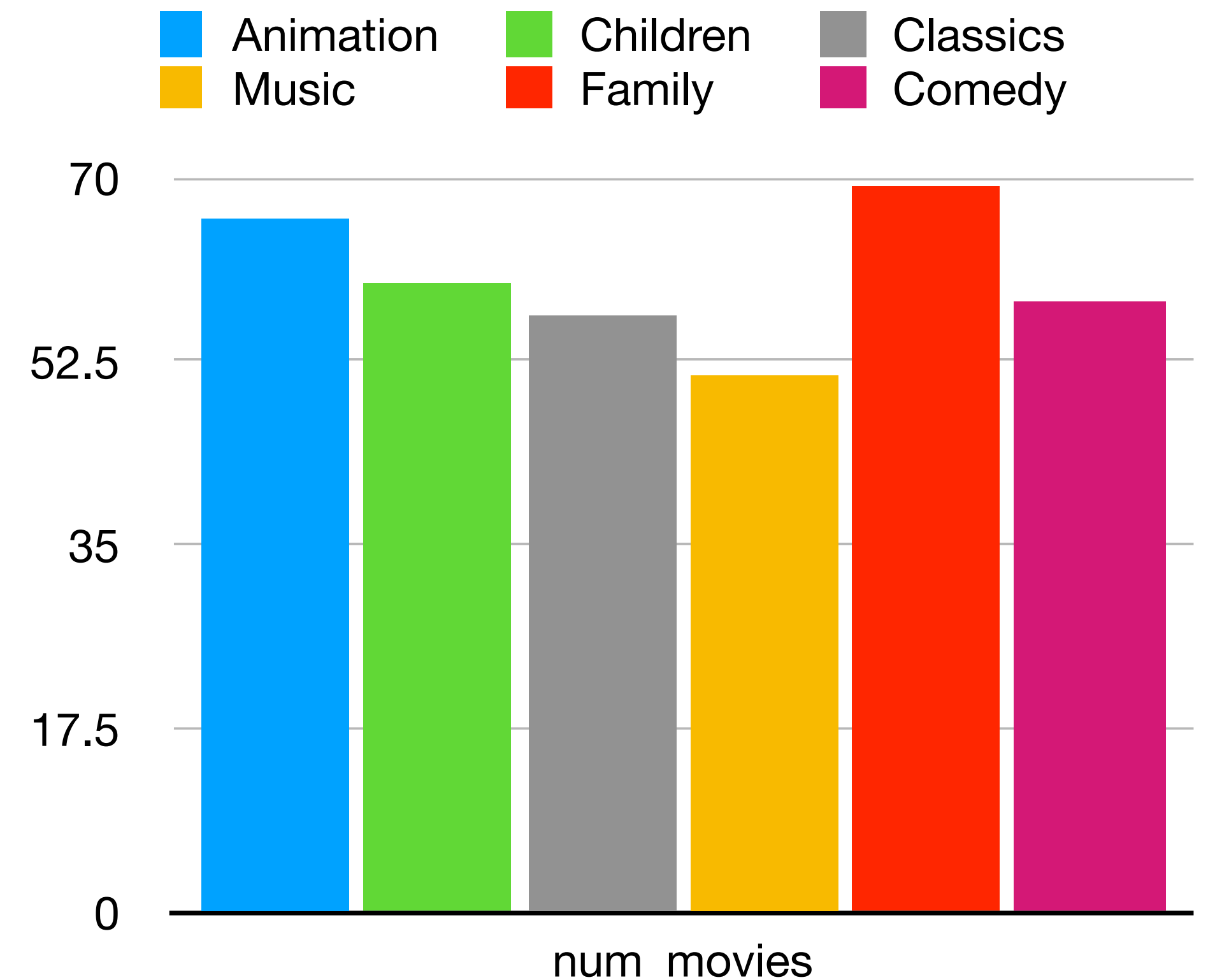
Based on the data a lot of families like to rental animation movies more than other categories. this chart shows the percent of movie categories based on the table result.



Question 2

Provide a table with the movie titles
and divide them into 4 levels based on the quartiles
(25%, 50%, 75%) of the rental duration for movies across all
categories? Make sure to also indicate the category that these family-friendly movies
fall into.

Based on the data shown, the movies in
the first_quarter are more than other
quarters by just one movie. this chart
show the number of movie categories
based on the table result.



Question 3

Provide a table with the family-friendly film category, each of the quartiles, and the corresponding count of movies within each combination of film category for each corresponding rental duration category.

This table shows number movies for each category of the family_friendly film.

Name	standard_quartile	Count
Animation	1	22
Animation	2	12
Animation	3	15
Animation	4	17
Children	1	14
Children	2	18
Children	3	14
Children	4	14
Classics	1	14
Classics	2	14
Classics	3	13
Classics	4	16
Comedy	1	17
Comedy	2	15
Comedy	3	13
Comedy	4	13
Family	1	15
Family	2	17
Family	3	20
Family	4	17
Music	1	9
Music	2	14
Music	3	15
Music	4	13

Question 4

Can you write a query to capture the customer name, month and year of payment, and total payment amount for each month by these top 10 paying customers?

This table shows the top ten paying customers name, the month of payment and the total amount of payments they made per month during 2007

Top ten paying customer		
Fullname	pay_month	total_payments
Ana Bradley	2007-02-01 00:00:00	19.96
Ana Bradley	2007-03-01 00:00:00	71.84
Ana Bradley	2007-04-01 00:00:00	72.88
Ana Bradley	2007-05-01 00:00:00	2.99
Clara Shaw	2007-02-01 00:00:00	22.94
Clara Shaw	2007-03-01 00:00:00	72.84
Clara Shaw	2007-04-01 00:00:00	93.82
Curtis Irby	2007-02-01 00:00:00	22.94
Curtis Irby	2007-03-01 00:00:00	86.83
Curtis Irby	2007-04-01 00:00:00	54.86
Curtis Irby	2007-05-01 00:00:00	2.99
Eleanor Hunt	2007-02-01 00:00:00	22.95
Eleanor Hunt	2007-03-01 00:00:00	87.82
Eleanor Hunt	2007-04-01 00:00:00	100.78
Karl Seal	2007-02-01 00:00:00	41.91
Karl Seal	2007-03-01 00:00:00	76.87
Karl Seal	2007-04-01 00:00:00	89.80
Marcia Dean	2007-02-01 00:00:00	37.92
Marcia Dean	2007-03-01 00:00:00	53.90
Marcia Dean	2007-04-01 00:00:00	73.80
Marcia Dean	2007-05-01 00:00:00	0.99
Marion Snyder	2007-02-01 00:00:00	44.92
Marion Snyder	2007-03-01 00:00:00	58.88
Marion Snyder	2007-04-01 00:00:00	85.82
Marion Snyder	2007-05-01 00:00:00	4.99
Mike Way	2007-02-01 00:00:00	35.94
Mike Way	2007-03-01 00:00:00	64.85
Mike Way	2007-04-01 00:00:00	61.88
Rhonda Kennedy	2007-02-01 00:00:00	19.96
Rhonda Kennedy	2007-03-01 00:00:00	74.85
Rhonda Kennedy	2007-04-01 00:00:00	96.81
Tommy Collazo	2007-02-01 00:00:00	25.93
Tommy Collazo	2007-03-01 00:00:00	67.88
Tommy Collazo	2007-04-01 00:00:00	89.82