

Who makes the best animated films?



1. Do you have a favorite animated movie? Tell me all about it.
2. What other animated movies have you seen? List any other animated films that you have enjoyed.

There are two film studios that are giants in creating animated films, Pixar and DreamWorks. The competition between these two studios is immense. So which studio do you think makes the best-animated movies? Which studio has been the most successful? Considering which studio does animation the best is a little tricky.

3. What should the criteria be for judging this competition? Think of and list some different ways to compare the movies from these studios:

Let's consider the data and create some analysis. Use our Excel files adapted from Wikipedia to sort the data and competition between these two studios.

4. Create an argument for either Pixar or DreamWorks animation studios and defend your choice. Incorporate measures of central tendency (mean, median, mode), measures of variability (range, interquartile range, deviation), as well as plots and graphs. What might you focus on?
 - Originality?
 - Ratings?
 - Gross sales?
 - Net sales?
 - Profit?
 - Other characteristics?

DreamWorks animated films						Pixar animated films					
Film	Release date	Budget	Gross	Rating by Rotten tomatoes	Reviews by Metacritic out of 100	Film	Release date	Budget	Gross	Rating by Rotten tomatoes	Reviews by Metacritic out of 100
The Prince of Egypt	18-Dec-98	\$70,000,000	\$218,613,188	79	64	Toy Story	22-Nov-95	\$30,000,000	\$361,958,736	100	92
The Road to El Dorado	31-Mar-00	\$95,000,000	\$76,432,727	49	51	A Bug's Life	25-Nov-98	\$120,000,000	\$363,398,565	92	77
Chicken Run	23-Jun-00	\$45,000,000	\$224,834,564	97	88	Toy Story 2	24-Nov-99	\$90,000,000	\$485,015,179	100	88
Shrek	18-May-01	\$60,000,000	\$484,409,218	88	84	Monsters, Inc.	2-Nov-01	\$115,000,000	\$562,816,256	96	78
Spirit: Stallion of the Cimarron	24-May-02	\$80,000,000	\$122,563,539	69	52	Finding Nemo	30-May-03	\$94,000,000	\$936,743,261	99	90
Sinbad: Legend of the Seven Seas	2-Jul-03	\$60,000,000	\$80,767,884	45	48	The Incredibles	5-Nov-04	\$92,000,000	\$631,442,092	97	90
Shrek 2	19-May-04	\$150,000,000	\$919,838,758	89	75	Cars	9-Jun-06	\$120,000,000	\$461,983,149	74	73
Shark Tale	1-Oct-04	\$75,000,000	\$367,275,019	36	48	Ratatouille	29-Jun-07	\$150,000,000	\$623,722,818	96	96
Madagascar	27-May-05	\$75,000,000	\$532,680,671	55	57	WALL-E	27-Jun-08	\$180,000,000	\$521,311,860	96	94
Wallace & Gromit: The Curse of the Were-Rabbit	7-Oct-05	\$30,000,000	\$192,610,372	95	87	Up	29-May-09	\$175,000,000	\$731,342,744	98	88
Over the Hedge	19-May-06	\$80,000,000	\$336,002,996	75	67	Toy Story 3	18-Jun-10	\$200,000,000	\$1,063,171,911	99	92
Flushed Away	3-Nov-06	\$149,000,000	\$178,120,010	72	74	Cars 2	24-Jun-11	\$200,000,000	\$559,852,396	39	57
Shrek the Third	18-May-07	\$160,000,000	\$798,958,162	40	58	Brave	22-Jun-12	\$185,000,000	\$538,983,207	78	69
Bee Movie	2-Nov-07	\$150,000,000	\$287,594,577	51	54	Monsters University	21-Jun-13	\$200,000,000	\$743,559,607	78	65
Kung Fu Panda	6-Jun-08	\$130,000,000	\$631,744,560	87	73						
Madagascar: Escape 2 Africa	7-Nov-08	\$150,000,000	\$603,900,354	64	61						
Monsters vs. Aliens	27-Mar-09	\$175,000,000	\$381,509,870	72	56						
How to Train Your Dragon	26-Mar-10	\$165,000,000	\$494,878,759	98	74						
Shrek Forever After	21-May-10	\$165,000,000	\$752,600,867	58	58						
Megamind	5-Nov-10	\$130,000,000	\$321,885,765	73	63						
Kung Fu Panda 2	26-May-11	\$150,000,000	\$665,692,281	81	67						
Puss in Boots	28-Oct-11	\$130,000,000	\$554,987,477	84	65						
Madagascar 3: Europe's Most Wanted	8-Jun-12	\$145,000,000	\$746,921,274	79	60						
Rise of the Guardians	21-Nov-12	\$145,000,000	\$306,941,670	74	57						
The Croods	22-Mar-13	\$135,000,000	\$587,204,668	70	55						
Turbo	17-Jul-13	\$135,000,000	\$282,570,682	67	58						
Mr. Peabody & Sherman	7-Mar-14	\$145,000,000	\$257,783,000	78	60						
How to Train Your Dragon 2	13-Jun-14	\$145,000,000	\$621,000,000	91	76						
Penguins of Madagascar	26-Nov-14	\$132,000,000	\$373,000,000	72	53						
Home	27-Mar-15	\$135,000,000	\$386,000,000	47	55						
Kung Fu Panda 3	29-Jan-16	\$145,000,000	\$516,000,000	86	66						

Source: <http://www.hollywood.com/news/movies/55027084/pixar-vs-dreamworks?page=all>
http://en.wikipedia.org/wiki/DreamWorks_Animation
http://en.wikipedia.org/wiki/List_of_Pixar_films