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使用的变量：

a Popularity

b Budget

c Revenue

d Original Title

e Director

f Release Year

g Genres

h Production Company

i based no novel

Q1：电影的类型是如何随时间的推移发生变化的？

Movies of all genres all increase as time increases, Drama, Comedy, Thriller, Action, and Romance are the top 5 genres.

Q2 环球影业和派拉蒙影业之间的对比？

The sum budget and revenue for Universal Pictures is higher than the one for Paramount Pictures, but for the average budget and revenue, Paramount Pictures is higher. In all , there are not that much difference in lucrative ability between these two companies which is also indicated in the genres they have in the past years, there almost share the same trend.

Q3. 改编电影和原创电影之间对比如何？

Movies based on novel have a higher revenue and budget than the ones do not, and in general, movies based on novel are more popular than the other ones. But the fluctuation for movies based on novel is much higher than the ones do not..

Bonus: How would the director affect the revenue, and who are the top directors that can earn more money with less budget?

The most lucrative ten directors are James Cameron and so on, and Colin Trevorrow is the one who can have less budget with highest revenue, David Yates and James Cameron are the second and third.

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