Year vs Worldwide:

SQL Query: query <- dbSendQuery(moviesDB, "select year,worldwide from budget group by year")

R: plot(worldwide , year , main="YearVsWorldwide" , xlab = "Worldwide" , ylab = "Year" , pch=19)

Explanation: From this graph we can see the worldwide gross income from movies for the time period 1920 to 1960 showed a little increase. But then for the time period 1960 to 1980 the worldwide gross went up suddenly and remained quite high. Again after 1980 the worldwide gross decreased and it remained almost constant till the year 2020.

Rating vs Worldwide:

SQL Query: query <- dbSendQuery(moviesDB, "select r.rating, b.worldwide from ratings r, budget b where r.movieName=b.movieName")

R: plot(rating , worldwide, main="RatingVsWorldwide" , xlab = "Rating" , ylab = "Worldwide" , pch=19)

Explanation: It is evident from the graph that movies with higher ratings have higher worldwide gross.