

Performing Exponential Regression

Recall: Linear Regression from last unit

Example 1:

- a) Determine the exponential relation that best fits the data in the following table, where x is the number of years since 1921 and y is the population of British Columbia in millions.
- b) What do the values of a and b represent in this situation?
- c) Estimate the population of British Columbia in 2000.

Year	1921	1931	1941	1951	1961	1971	1981	1991	2001
B.C. Population (millions)	0.52	0.69	0.82	1.17	1.63	2.18	2.82	3.37	4.08