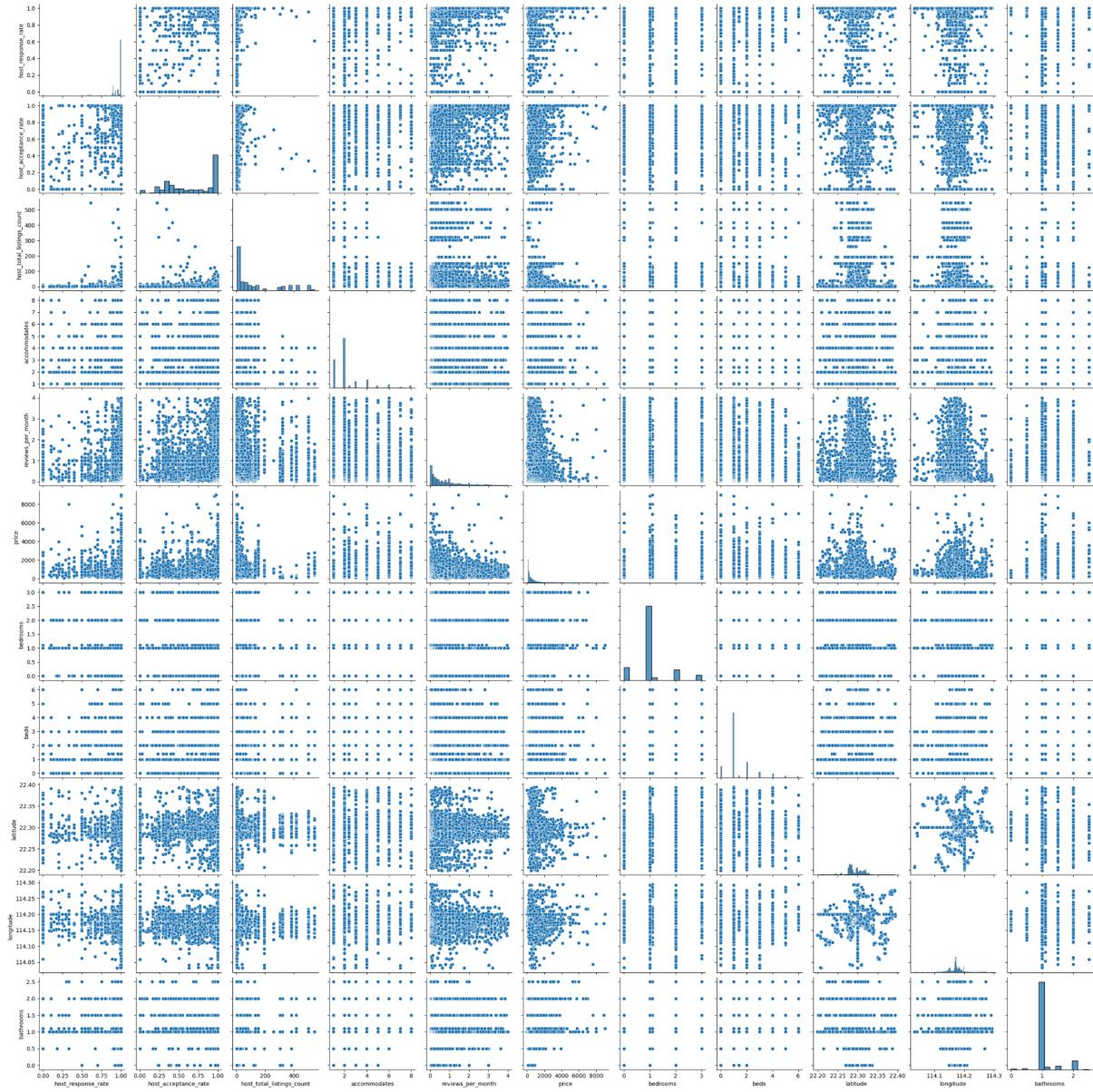
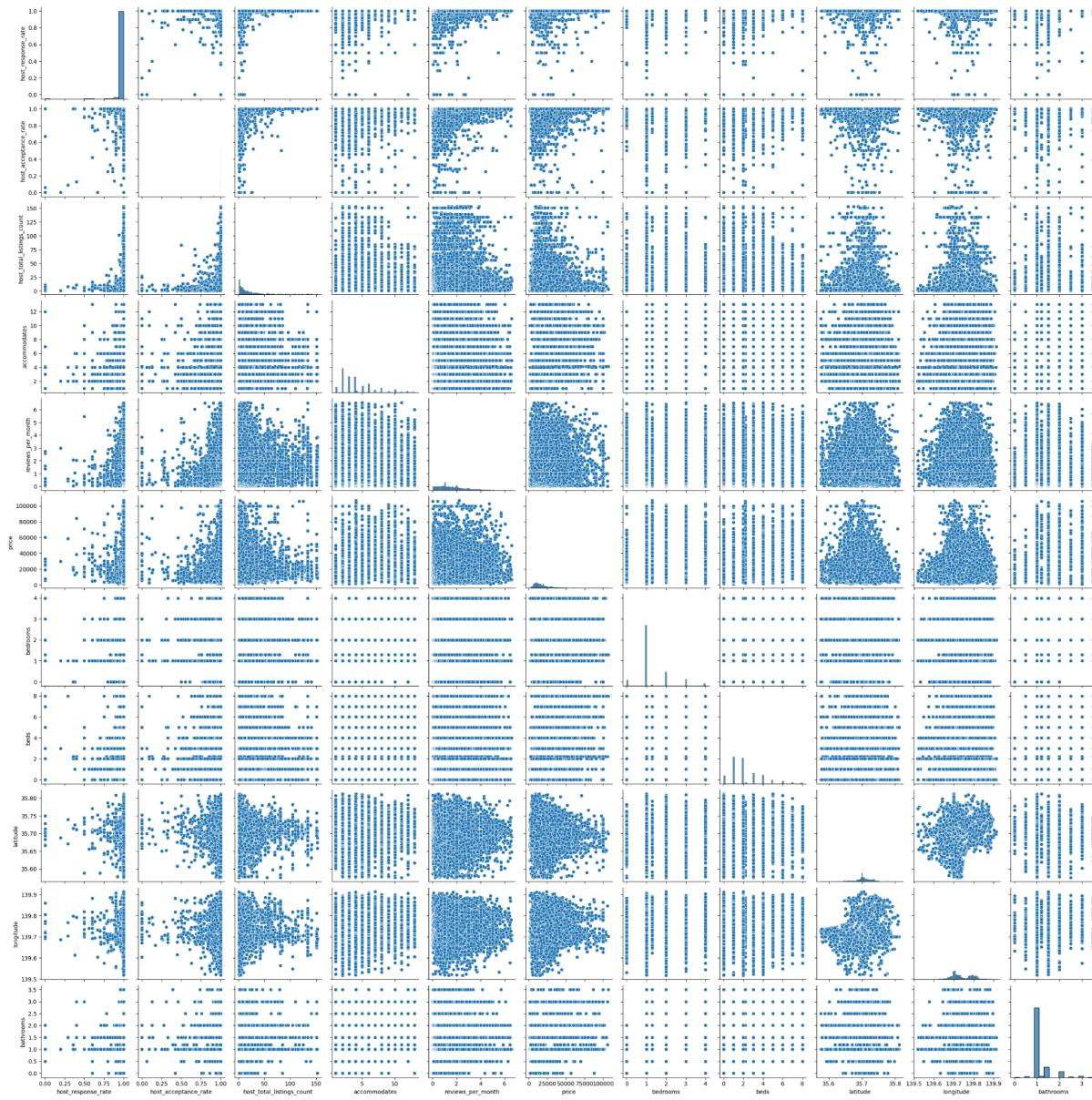


Gráficas Hong Kong



Gráficas Tokyo

Pairplot

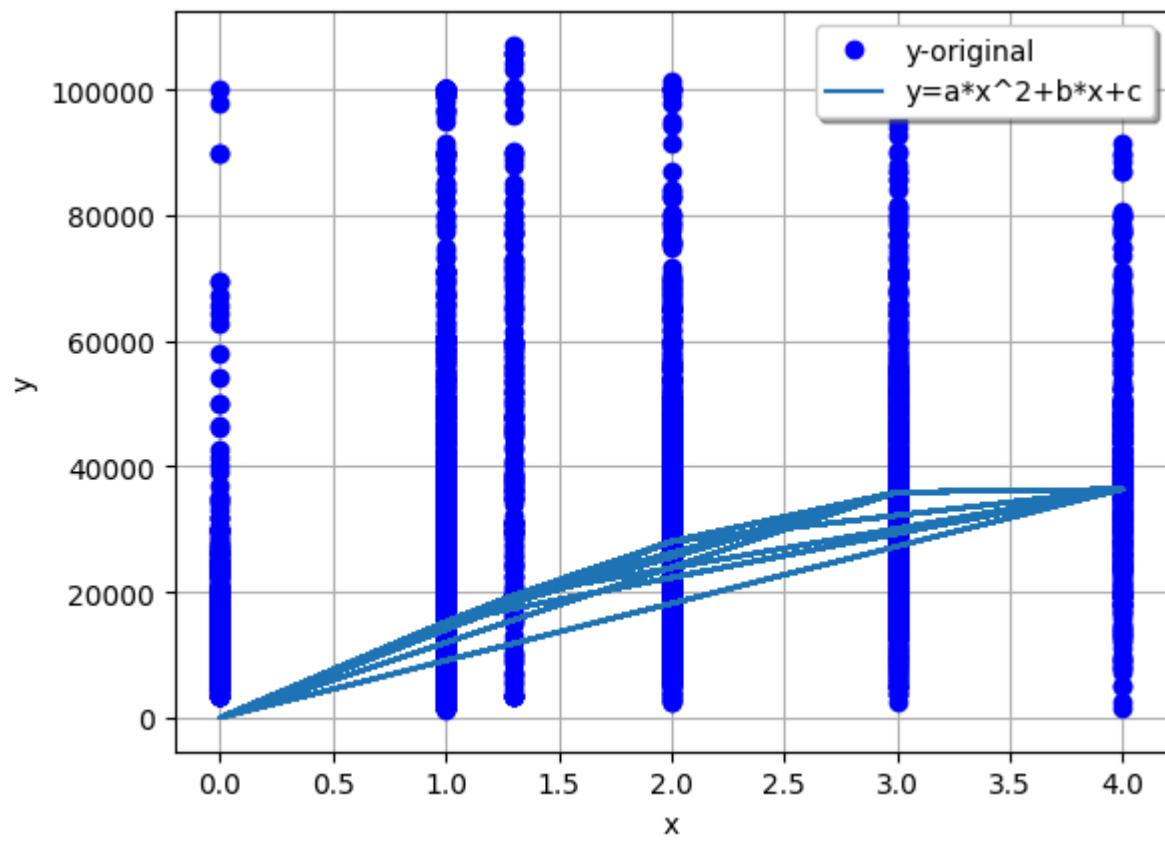


Gráfica México

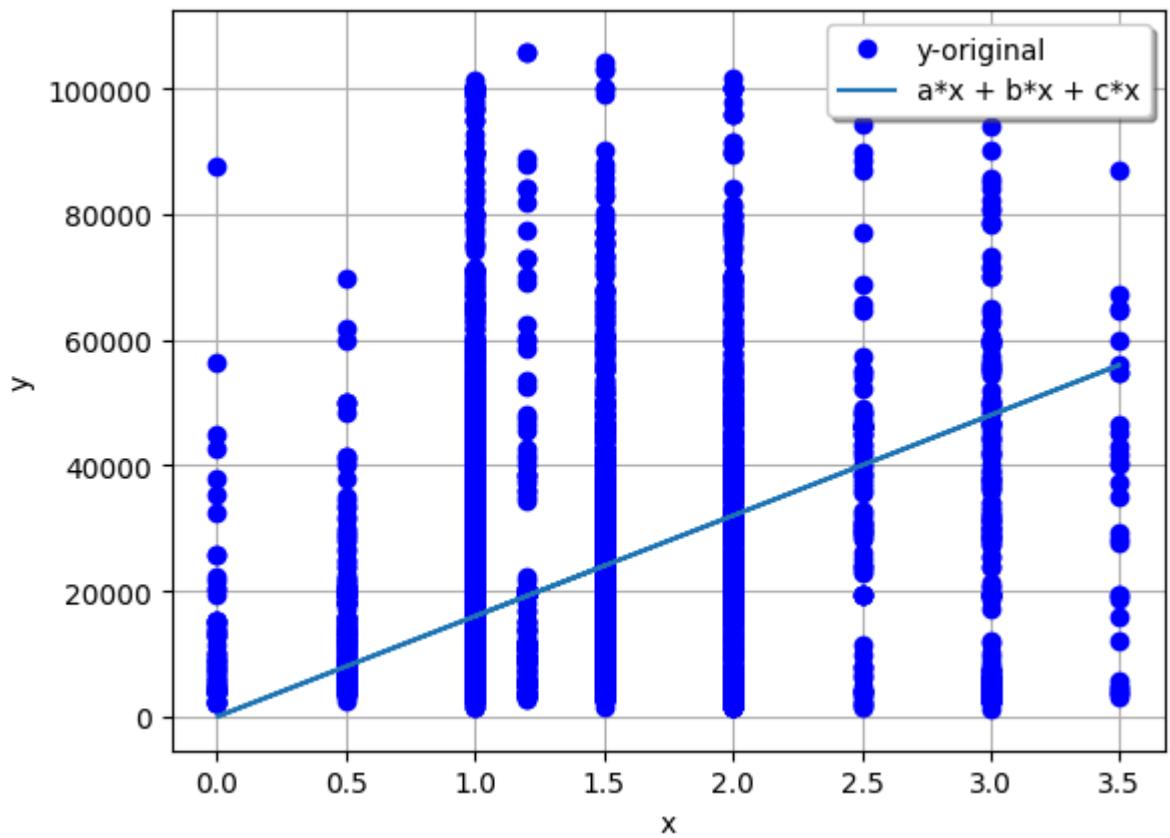
Pairplot

Section	Topic	Sub-Topic	Question	Response	
				Score	Notes
1	Mathematics	Algebra	What is the value of x in the equation $2x + 5 = 15$?	10	
2	Mathematics	Geometry	What is the area of a rectangle with a length of 8 cm and a width of 5 cm?	10	
3	Mathematics	Statistics	What is the mean of the following data set: {3, 7, 12, 18, 25}?	10	
4	Mathematics	Calculus	Find the derivative of the function $f(x) = 3x^2 - 2x + 1$.	10	
5	Mathematics	Trigonometry	What is the sine of 30 degrees?	10	
6	Mathematics	Probability	What is the probability of rolling a 6 on a six-sided die?	10	
7	Mathematics	Number Theory	What is the greatest common divisor of 120 and 180?	10	
8	Mathematics	Linear Algebra	Solve the system of equations: $\begin{cases} 2x + 3y = 12 \\ 4x - y = 5 \end{cases}$	10	
9	Mathematics	Abstract Algebra	What is the order of the group $\langle 1, 2, 3 \rangle$ under the operation of multiplication?	10	
10	Mathematics	Complex Analysis	Find the complex conjugate of $z = 3 + 4i$.	10	
11	Mathematics	Functional Analysis	What is the dual space of $L^2(\Omega)$?	10	
12	Mathematics	Measure Theory	What is the Lebesgue measure of the interval $[0, 1]$?	10	
13	Mathematics	Topology	What is the fundamental group of the torus?	10	
14	Mathematics	Differential Equations	Solve the differential equation $y' = 2x + 3$ with the initial condition $y(0) = 1$.	10	
15	Mathematics	Integral Calculus	Evaluate the integral $\int_{-\infty}^{\infty} e^{-x^2} dx$.	10	
16	Mathematics	Calculus of Variations	Find the function $y(x)$ that minimizes the functional $J[y] = \int_0^1 (y'^2 + 2y^2) dx$ subject to $y(0) = 0$ and $y(1) = 1$.	10	
17	Mathematics	Partial Differential Equations	Solve the partial differential equation $\nabla^2 u = f$ in a domain Ω with boundary conditions $u = g$ on $\partial\Omega$.	10	
18	Mathematics	Harmonic Analysis	What is the Fourier transform of the function $f(x) = e^{- x }$?	10	
19	Mathematics	Operator Theory	Find the spectrum of the operator $A = \begin{pmatrix} 0 & 1 \\ 0 & 0 \end{pmatrix}$.	10	
20	Mathematics	Functional Analysis	What is the dual space of $L^1(\Omega)$?	10	
21	Mathematics	Measure Theory	What is the Lebesgue measure of the set $\{x \in \mathbb{R} : x^2 < 1\}$?	10	
22	Mathematics	Topology	What is the fundamental group of the circle S^1 ?	10	
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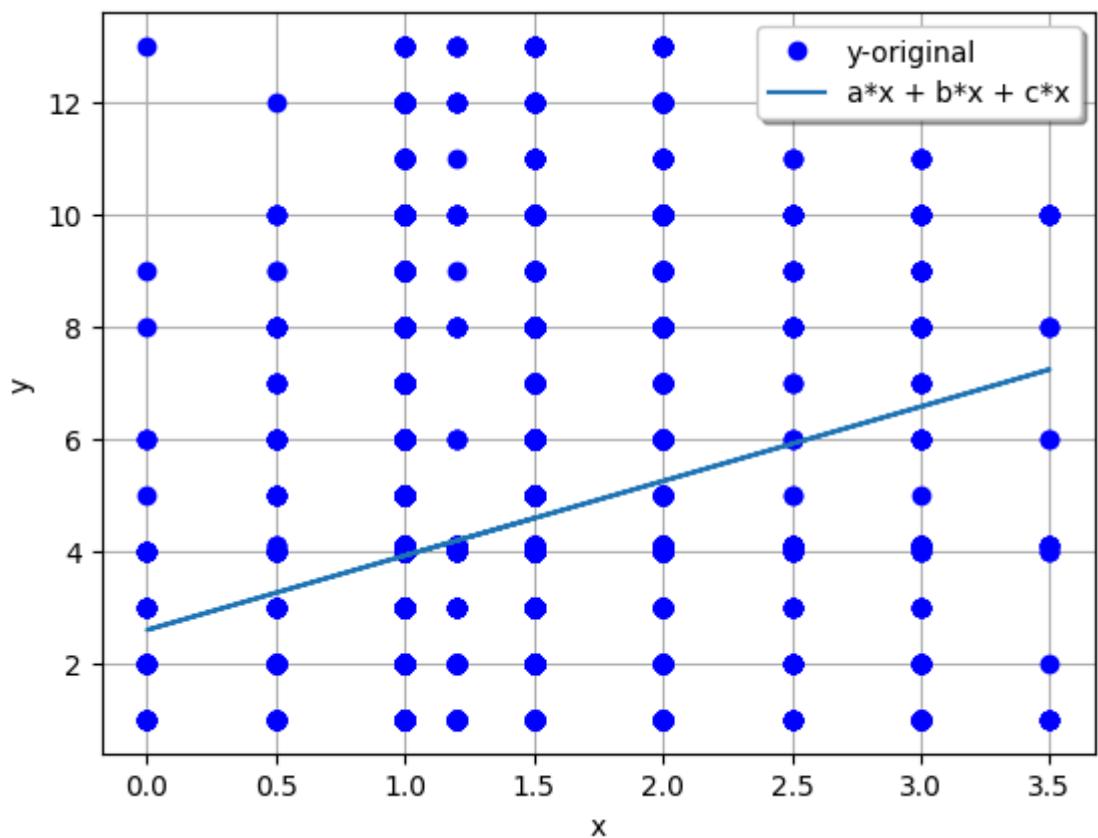
Bedrooms y Price



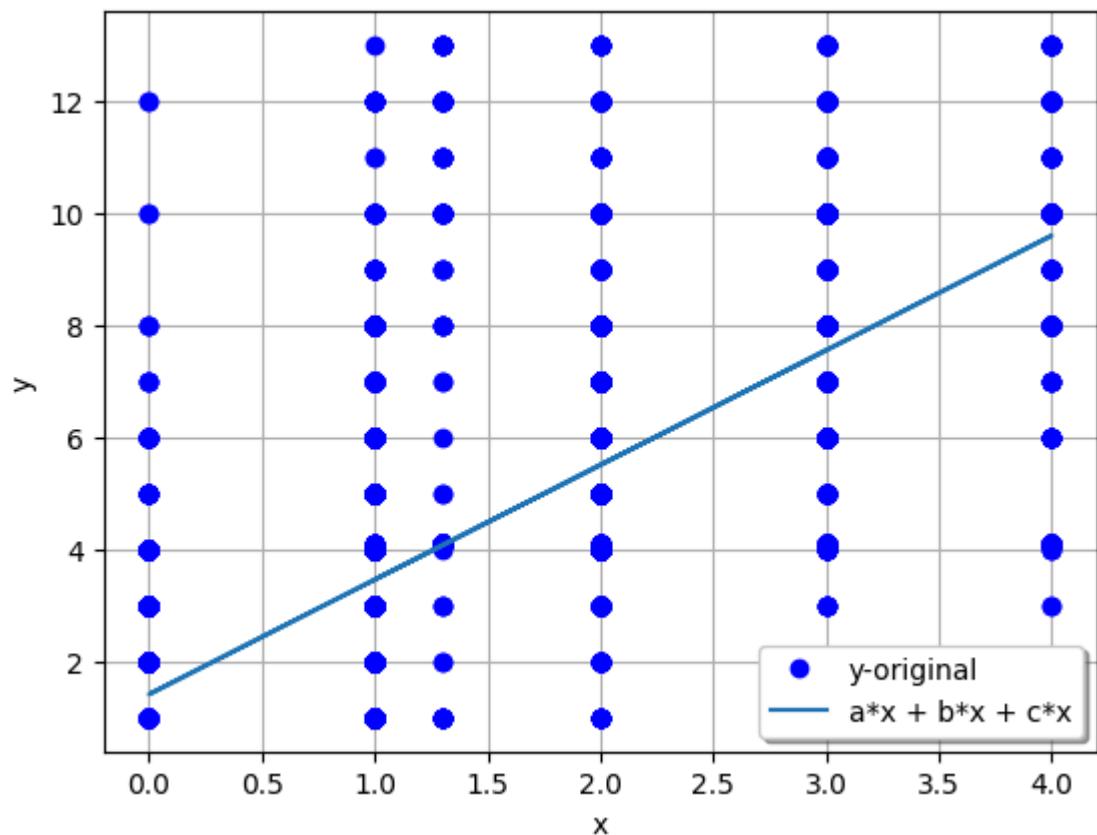
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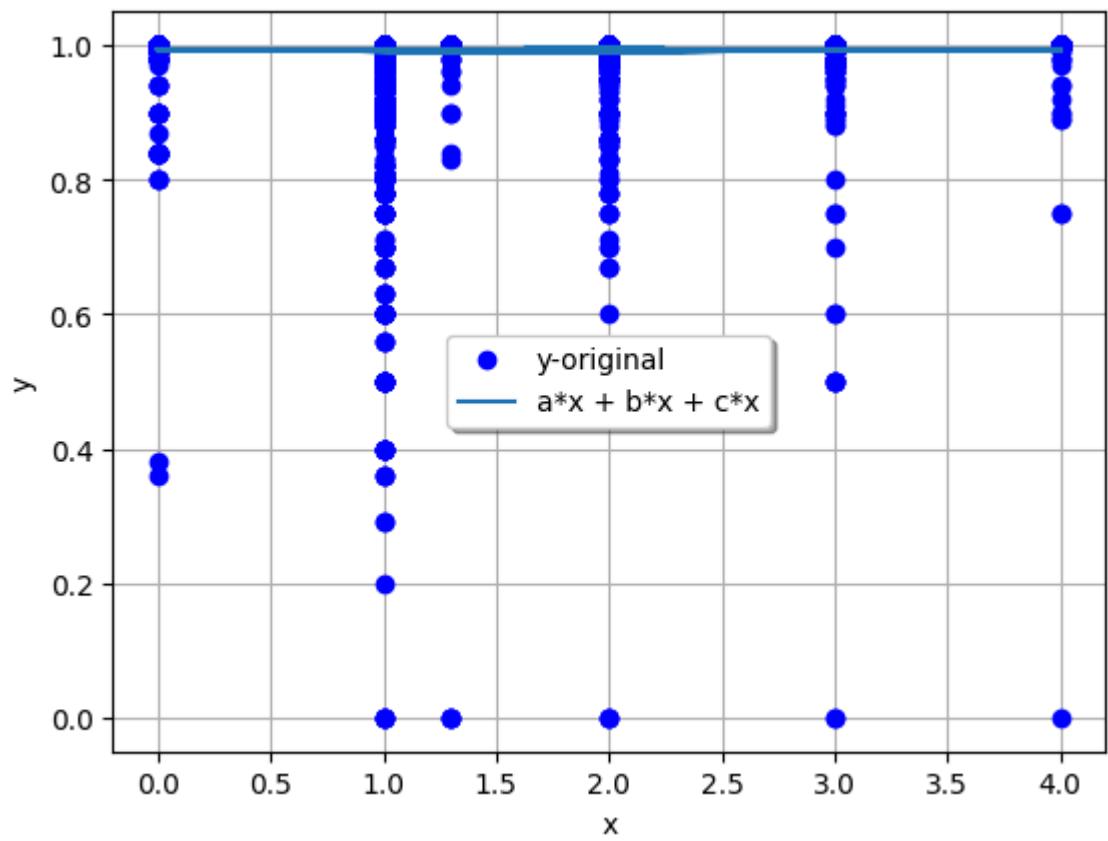
Bathrooms y Accommodates



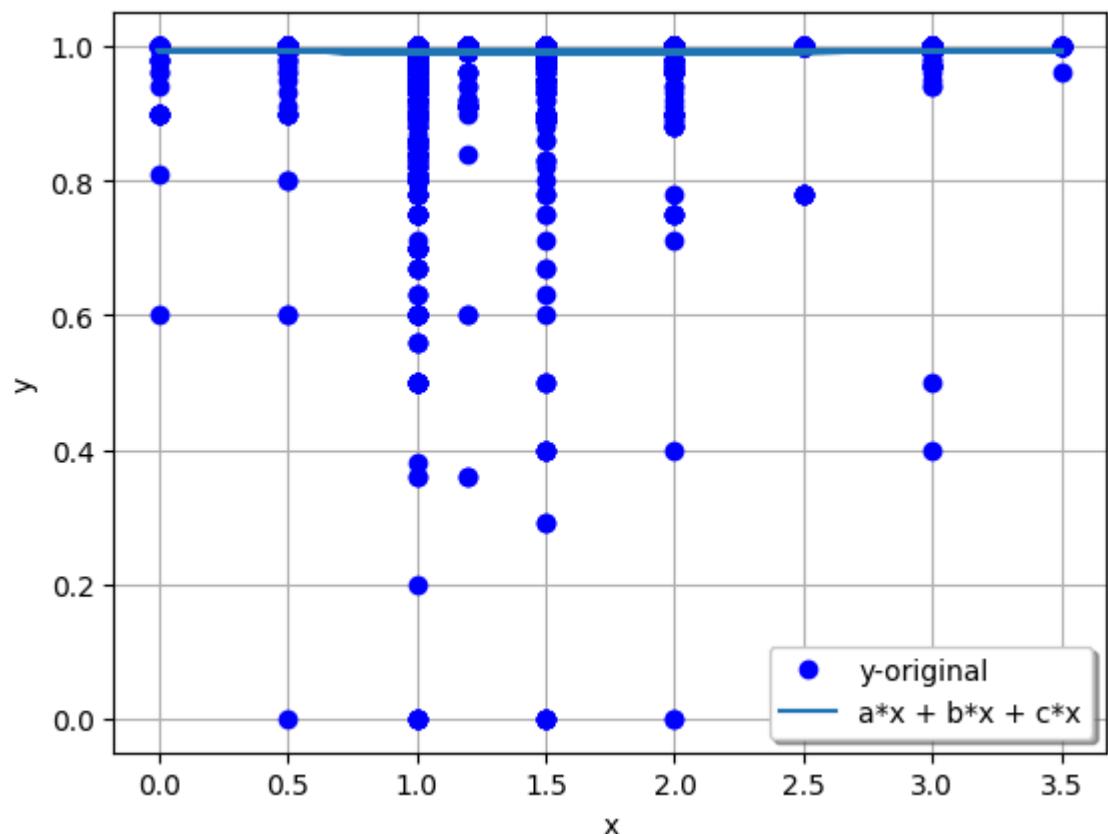
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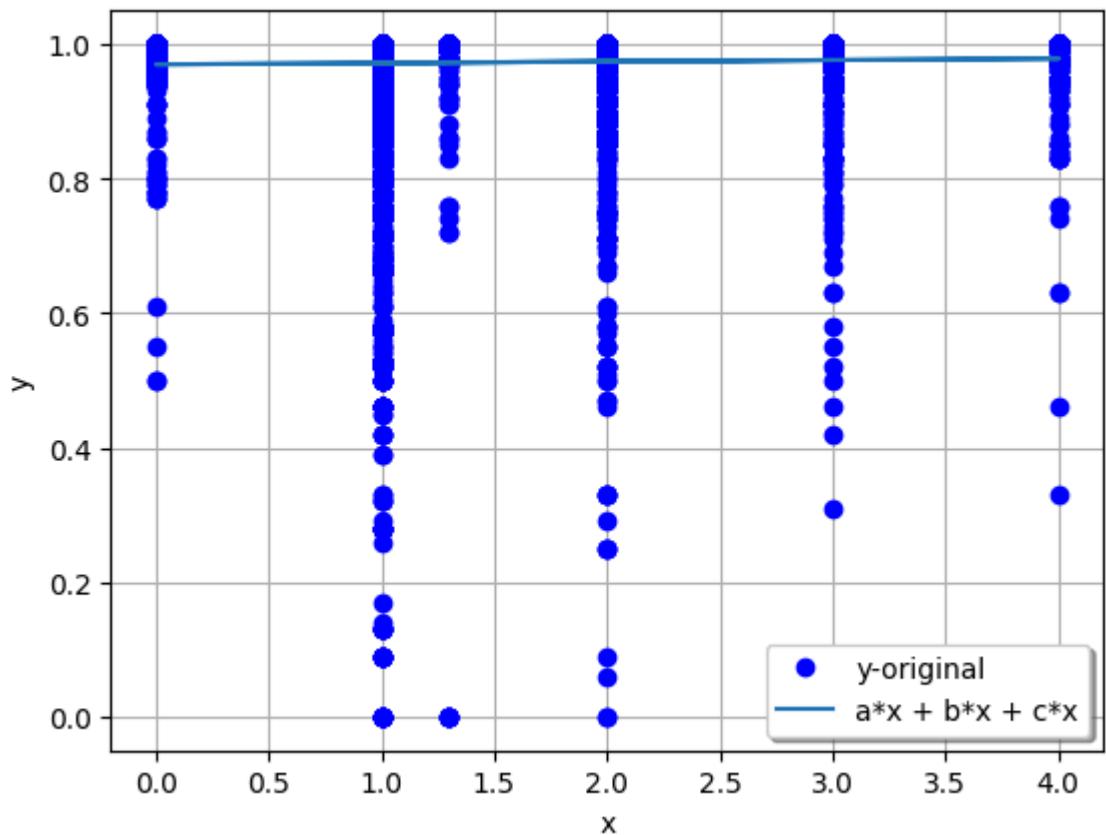
Bedrooms y Host response rate



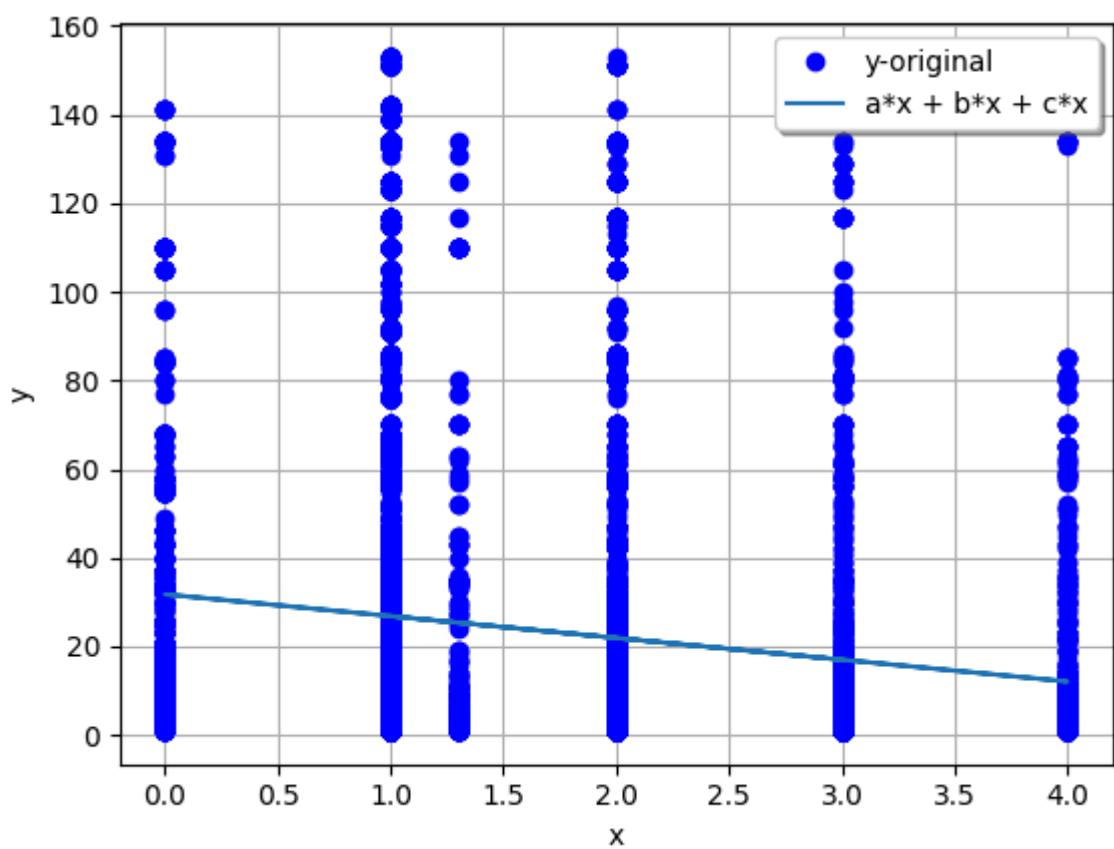
Bathrooms y Host response rateBedr



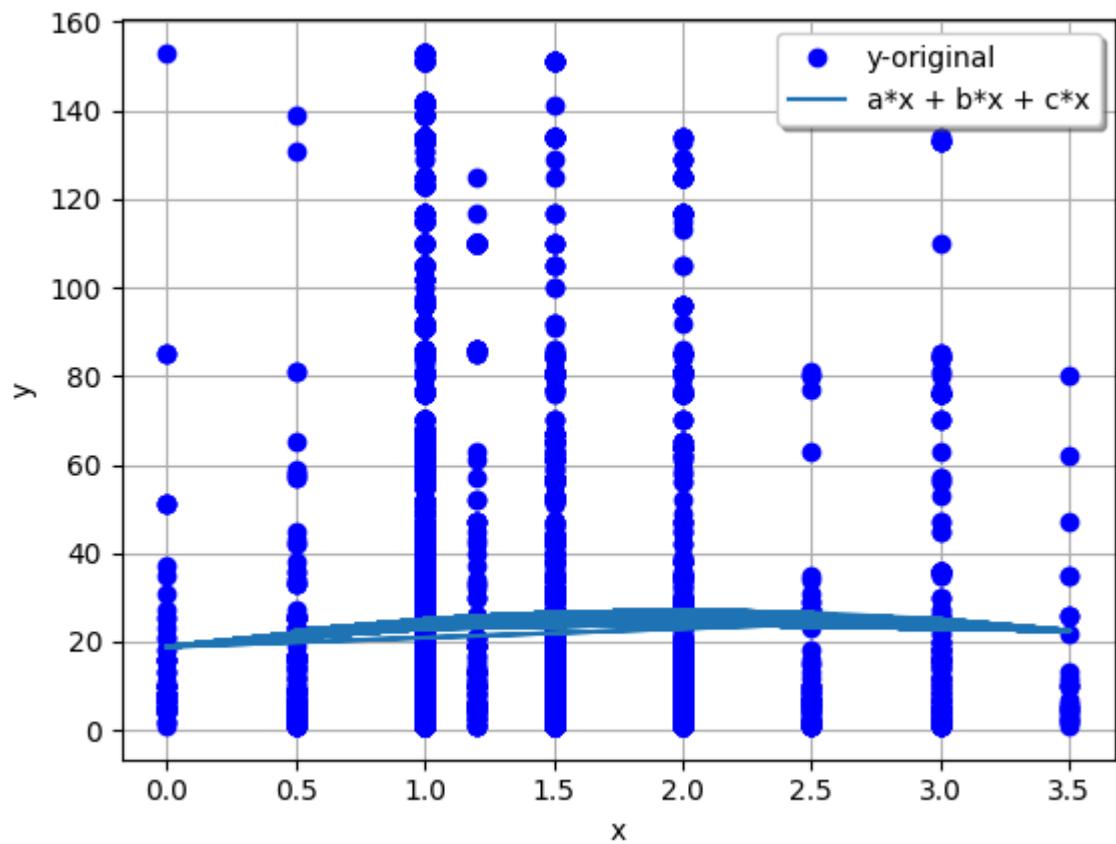
Bedrooms y Host acceptance rate



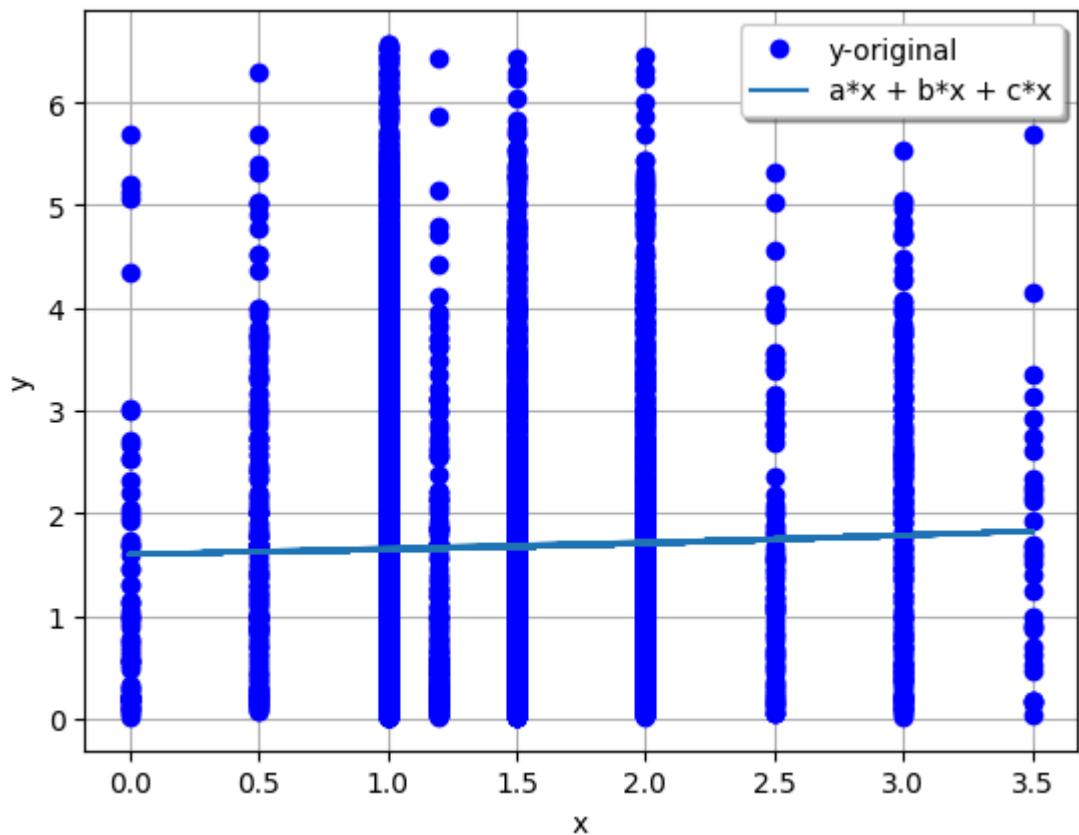
Bedrooms y Host total listing count



Bathrooms y Host total listings count BathrB



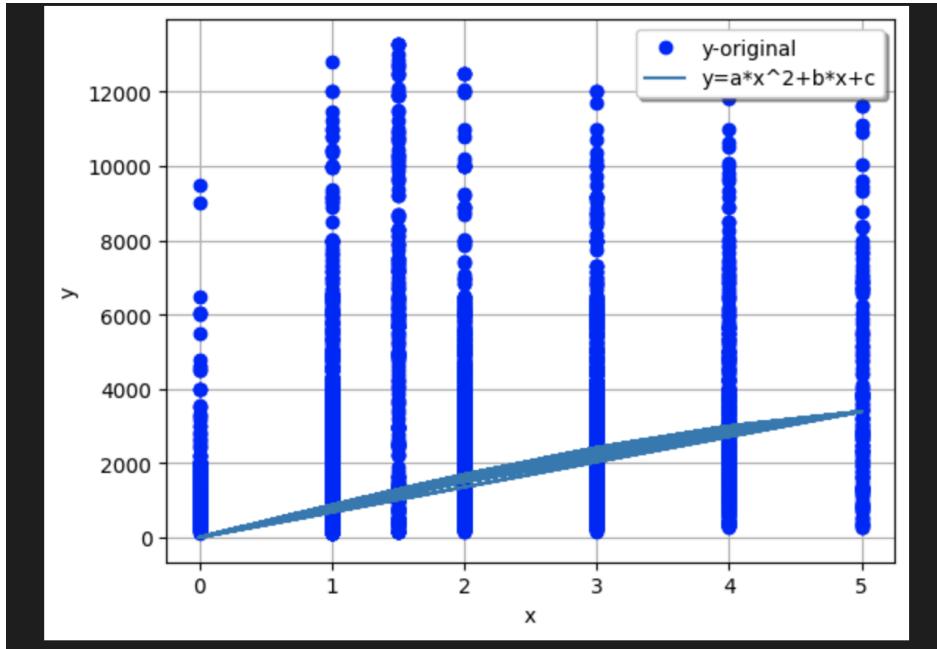
Bathrooms y Reviews per month



Bedrooms y Reviews per month

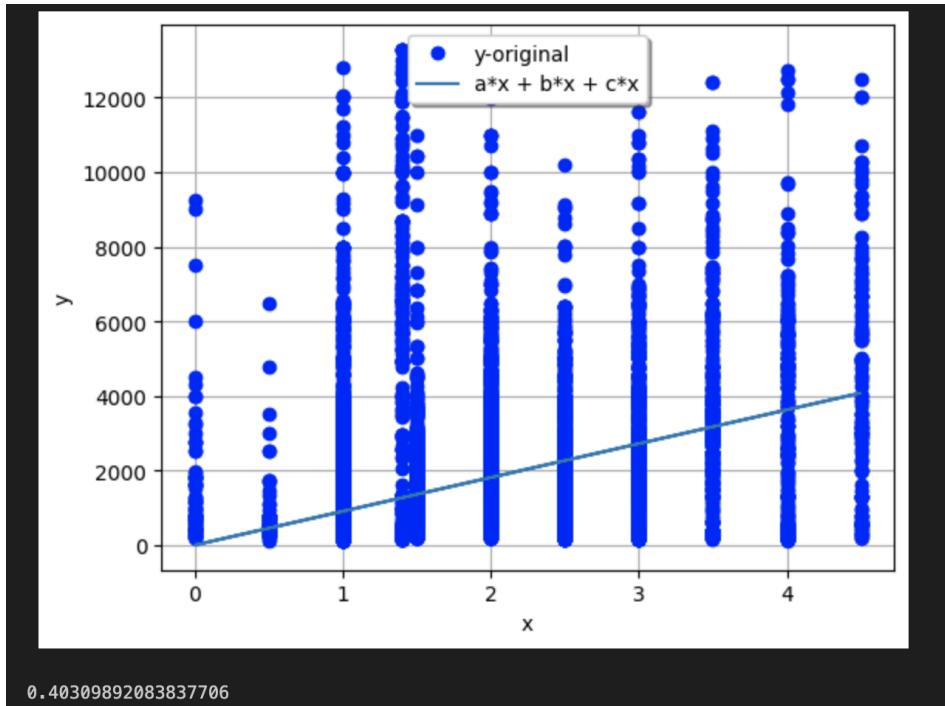
Gráficas México

Bedrooms y price



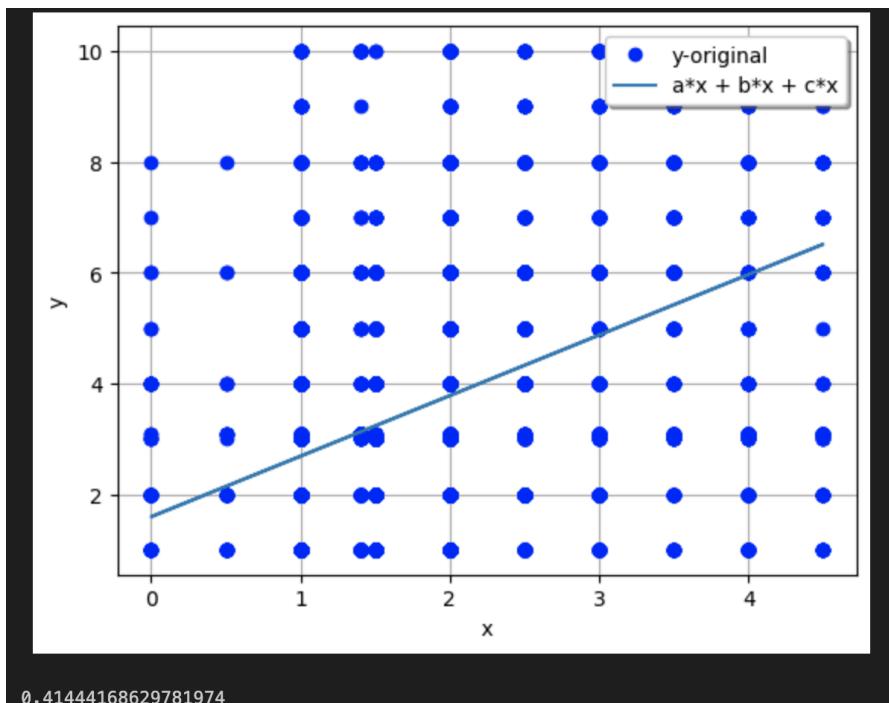
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Bathrooms y price



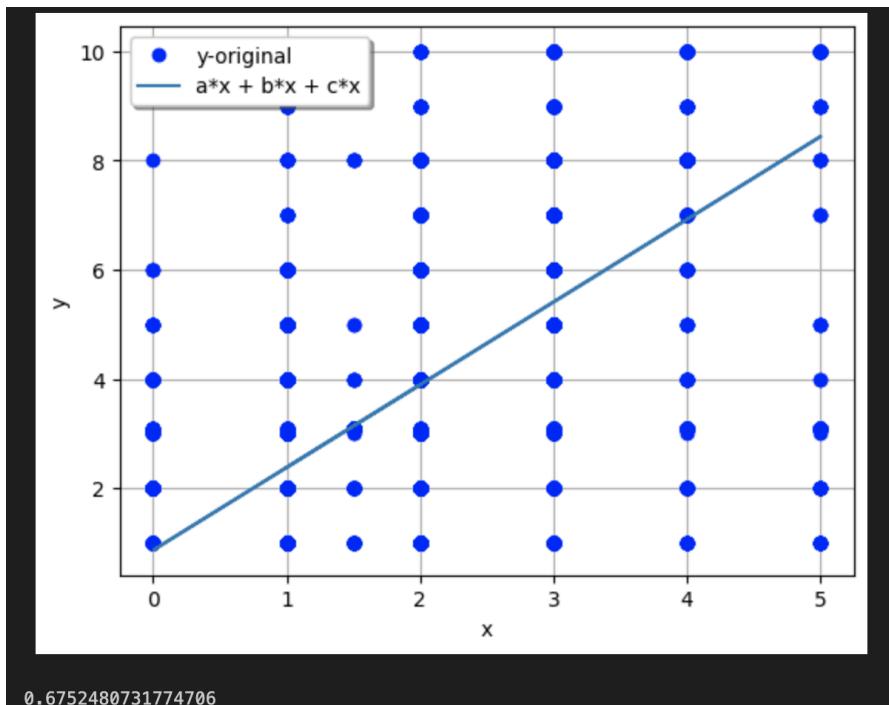
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Bathrooms y Accommodates



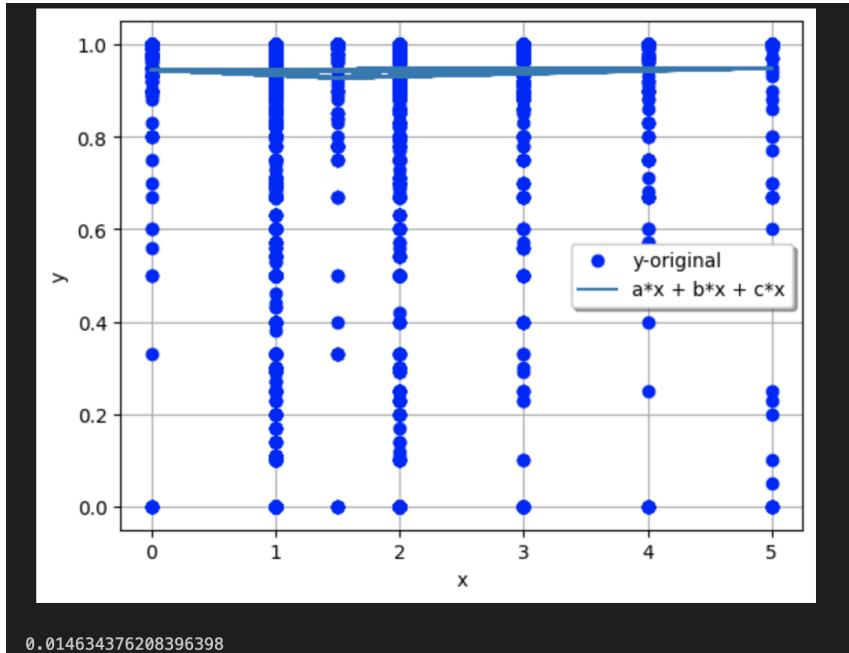
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Bedrooms y Accommodates

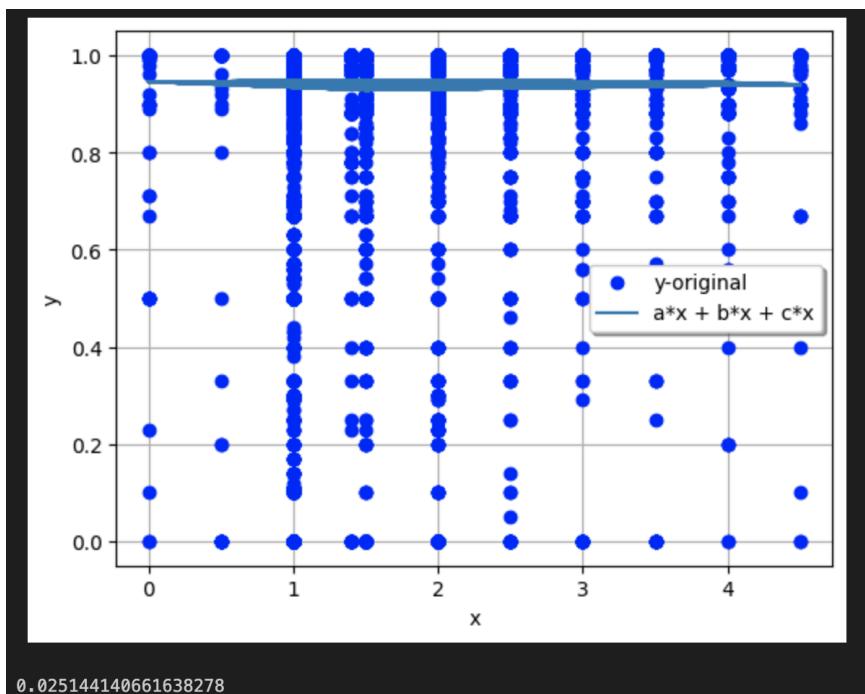


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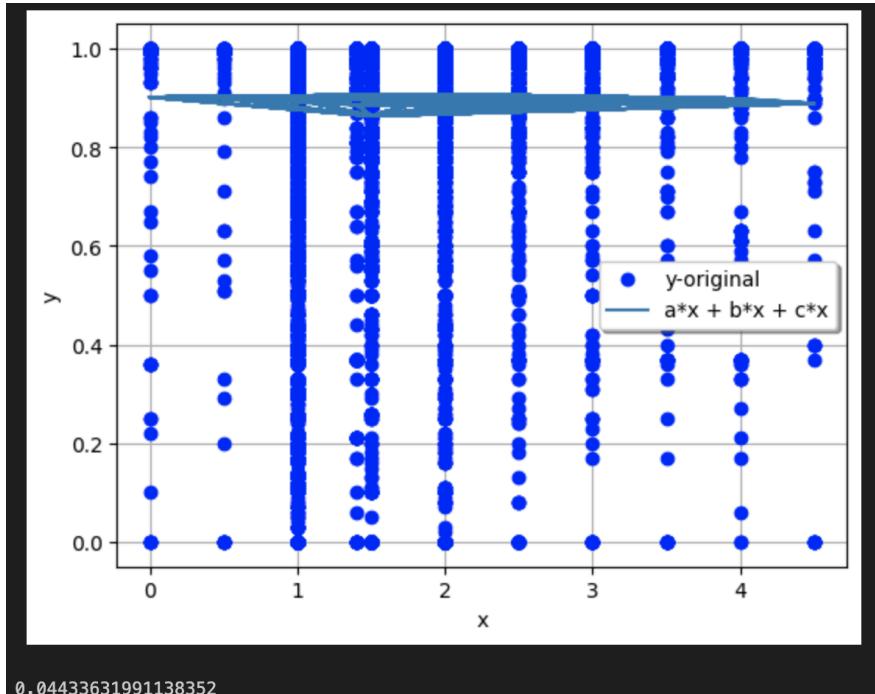
Bedrooms y host_response_rate



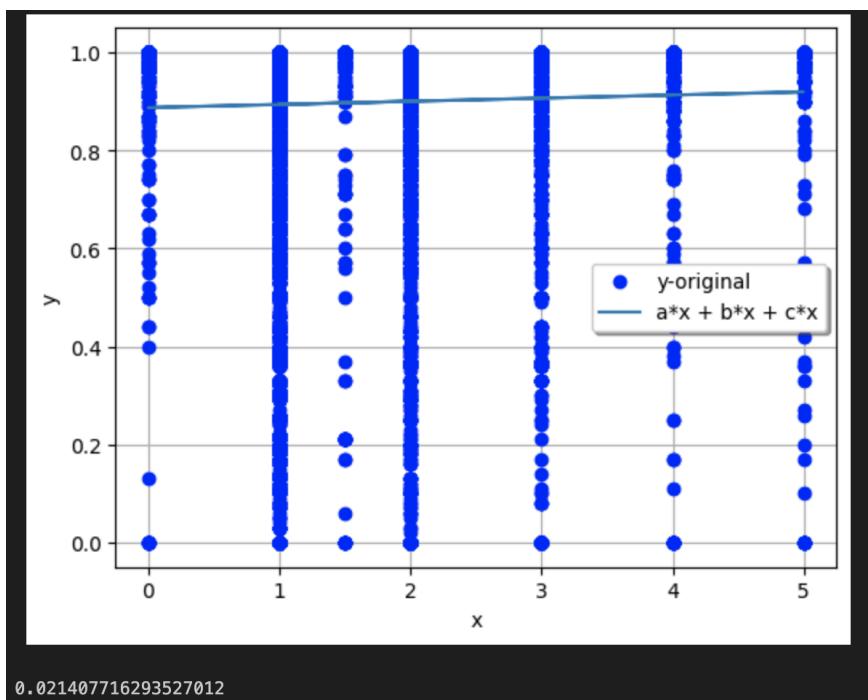
Bathrooms y host_response_rate



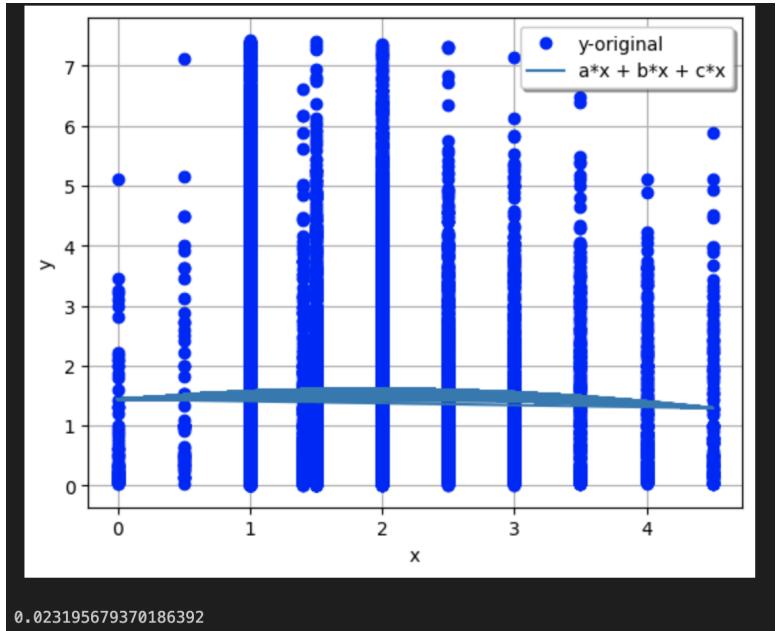
Bathroom y host_acceptance_rate



Bedrooms y host_acceptance_rate



Bathrooms y review_per_month



Bedrooms y review_per_month

