



# Tecnológico de Monterrey

M3 Actividad 3 (Regresión No lineal)

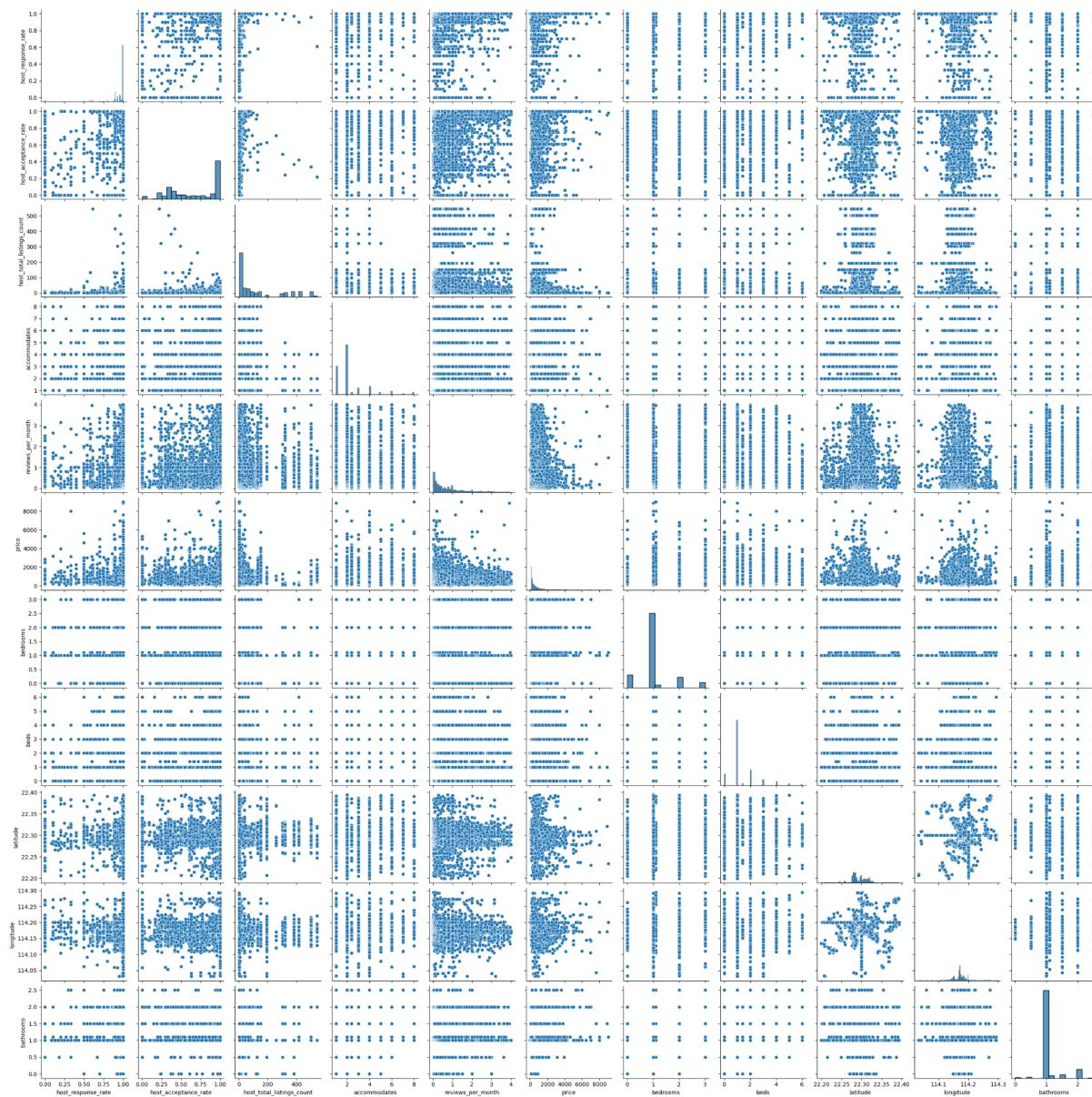
Luis Enrique Urbano Pereyra	A01737644
René Vázquez Amaron	A01733595
Patricio Mijares González	A01737684

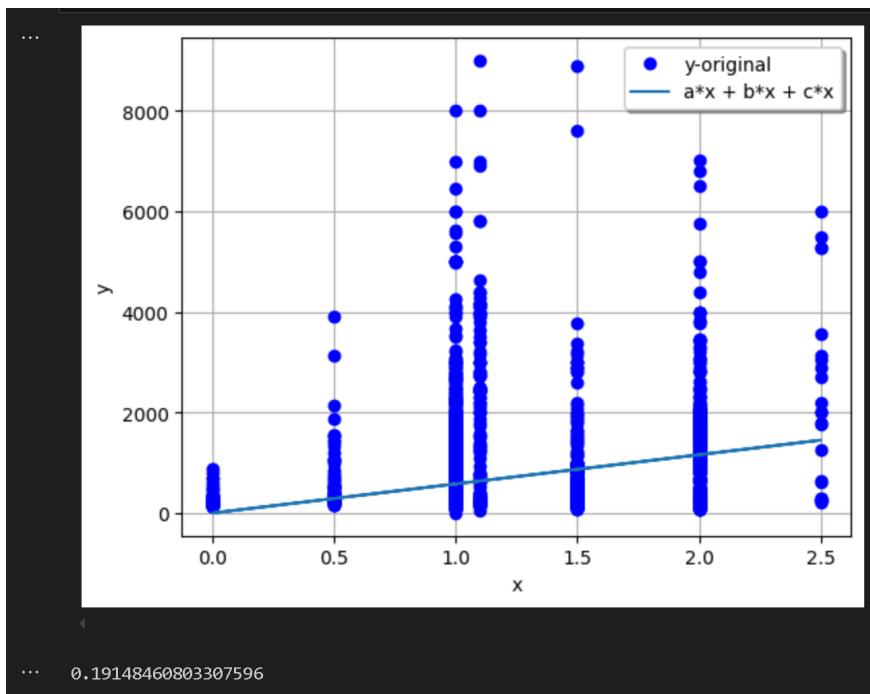
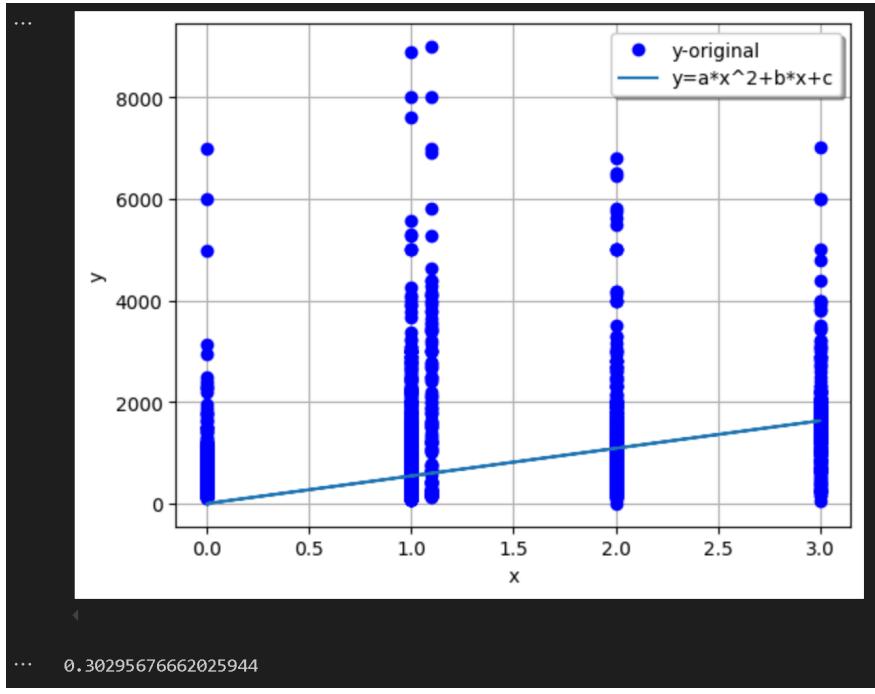
Equipo Pizza Chuponcito Skibidi Chicharito

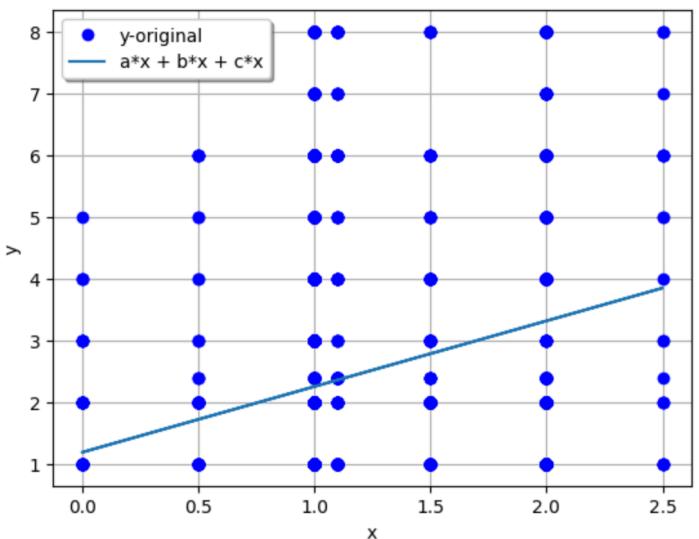
29 de septiembre del 2024

Gestión de proyectos de plataformas digitales

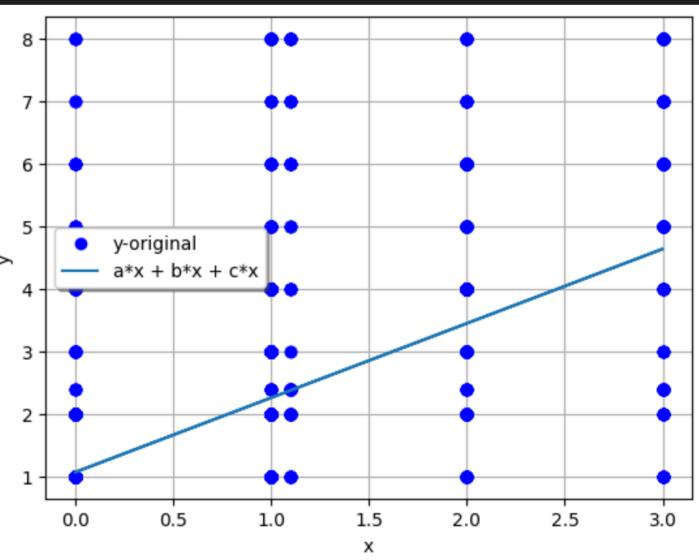
# Gráficas Hong Kong



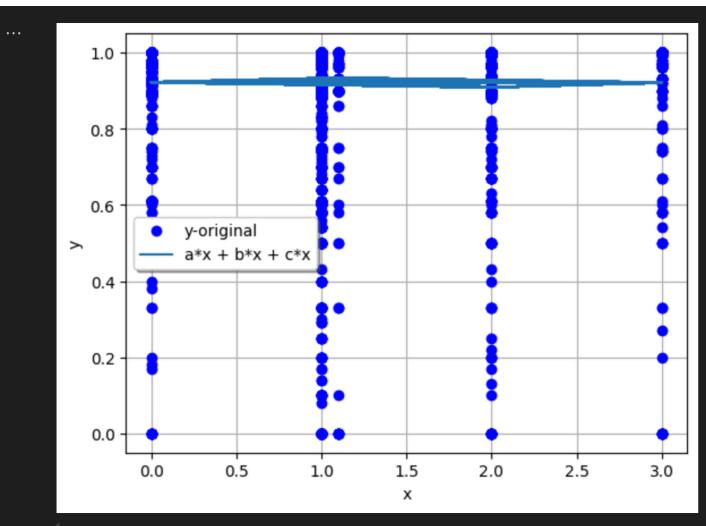




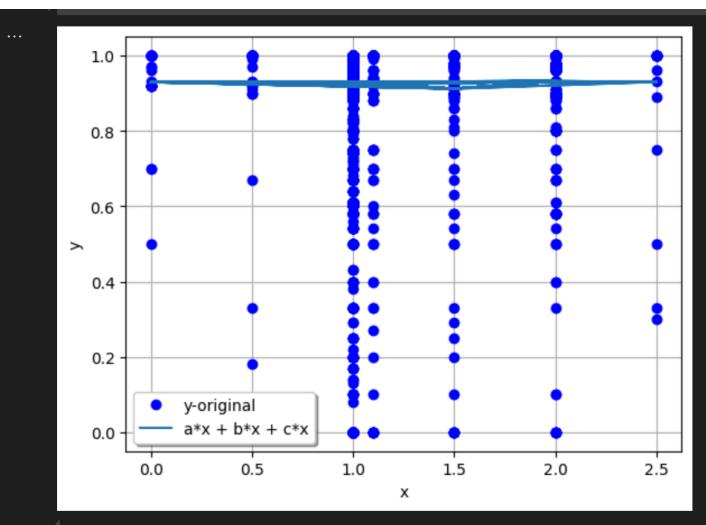
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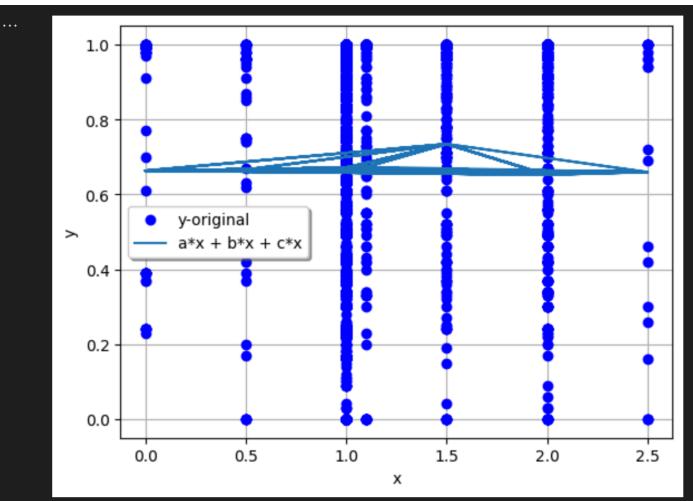
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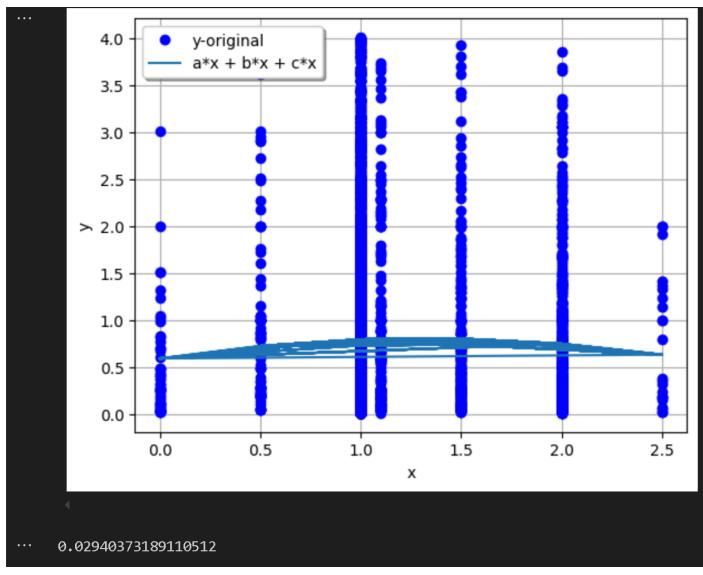
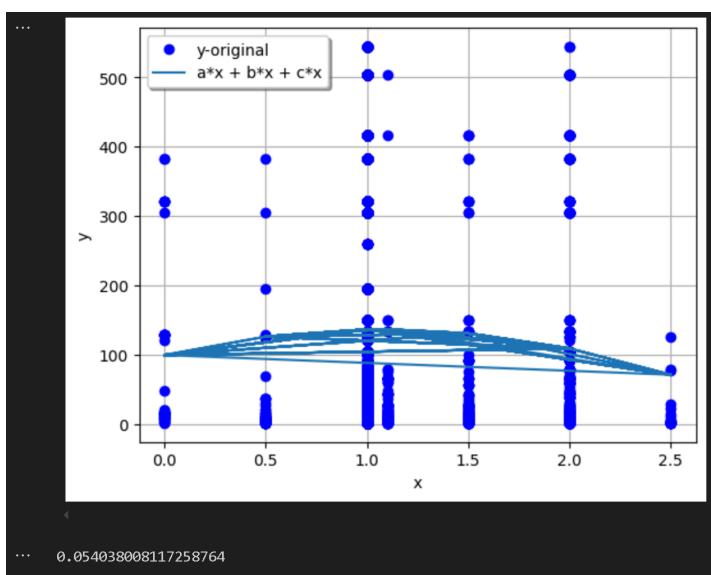
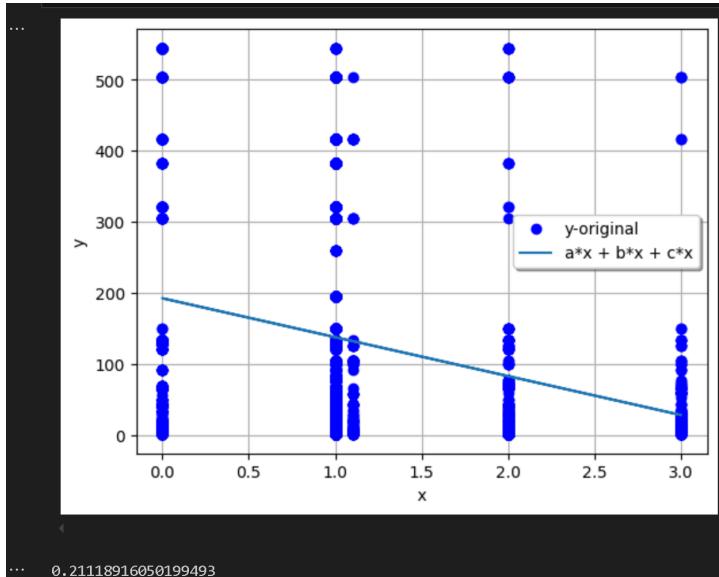
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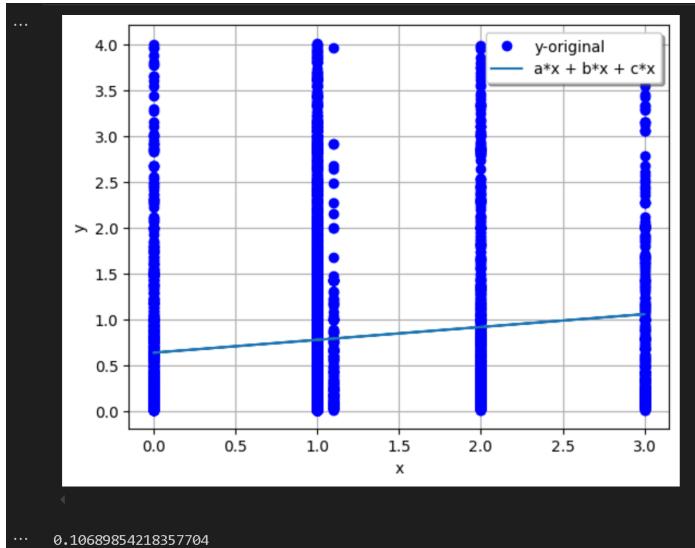


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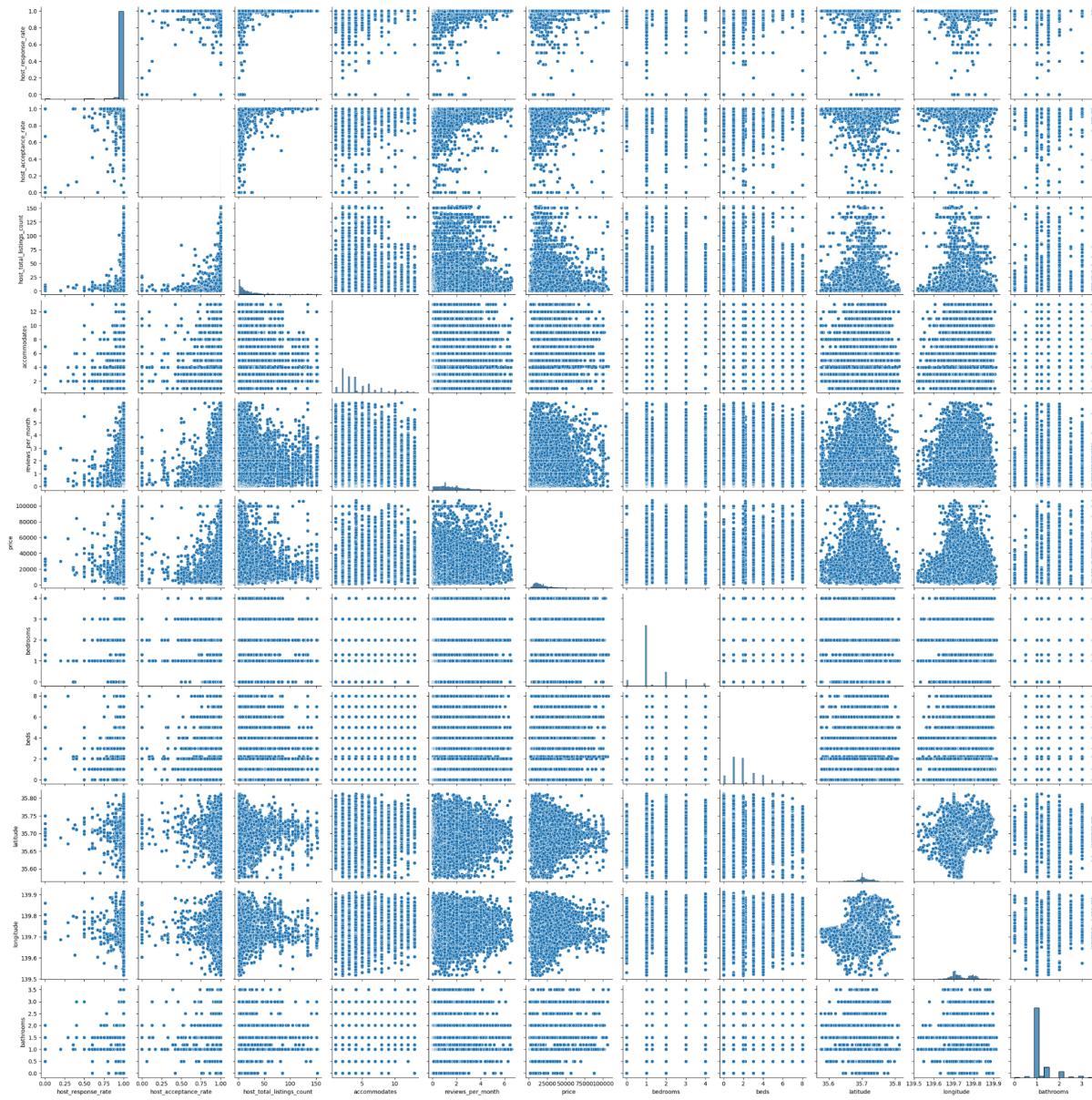
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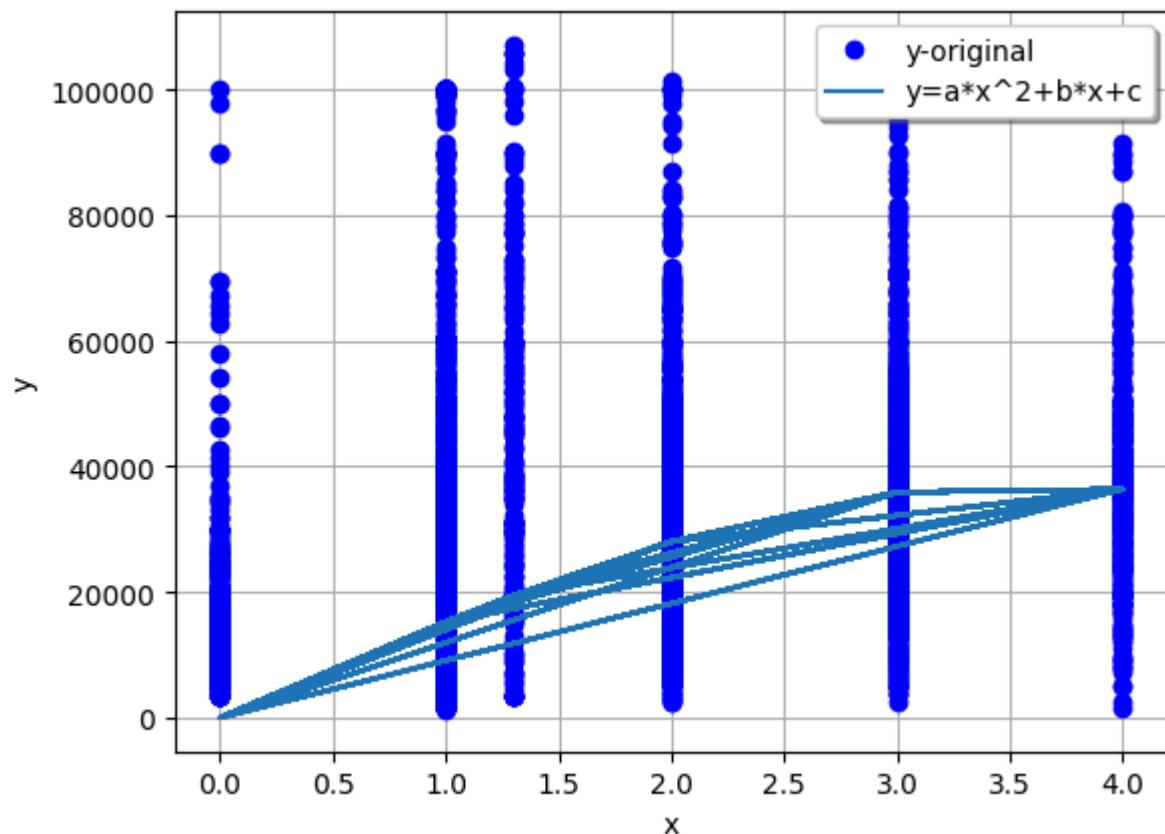


# Gráficas Tokyo

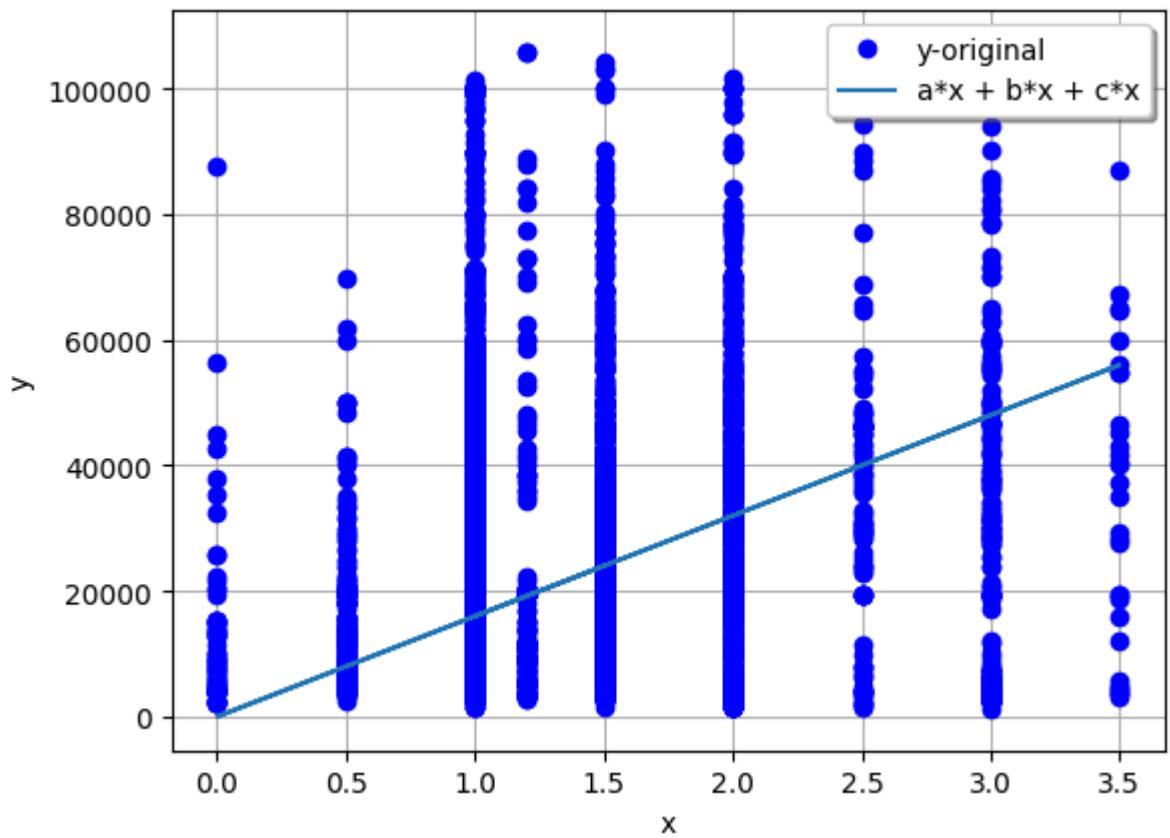
Pairplot



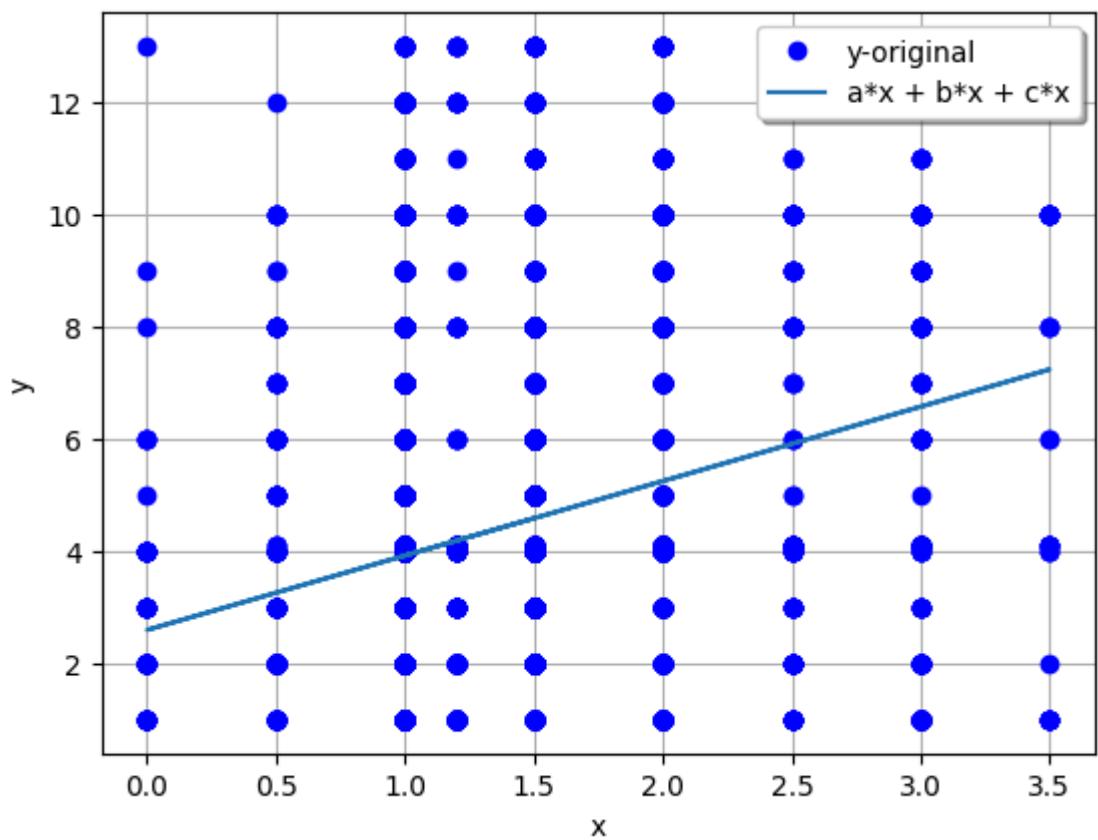
Bedrooms y Price



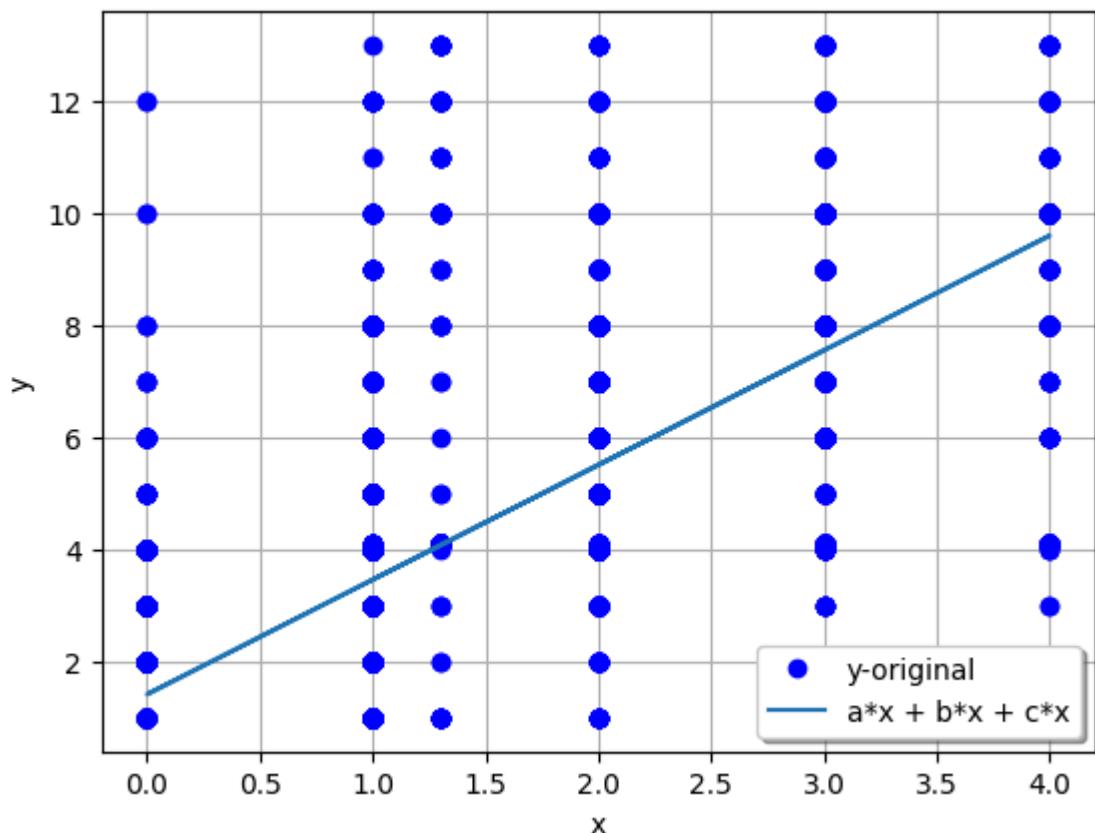
Bathrooms y Price



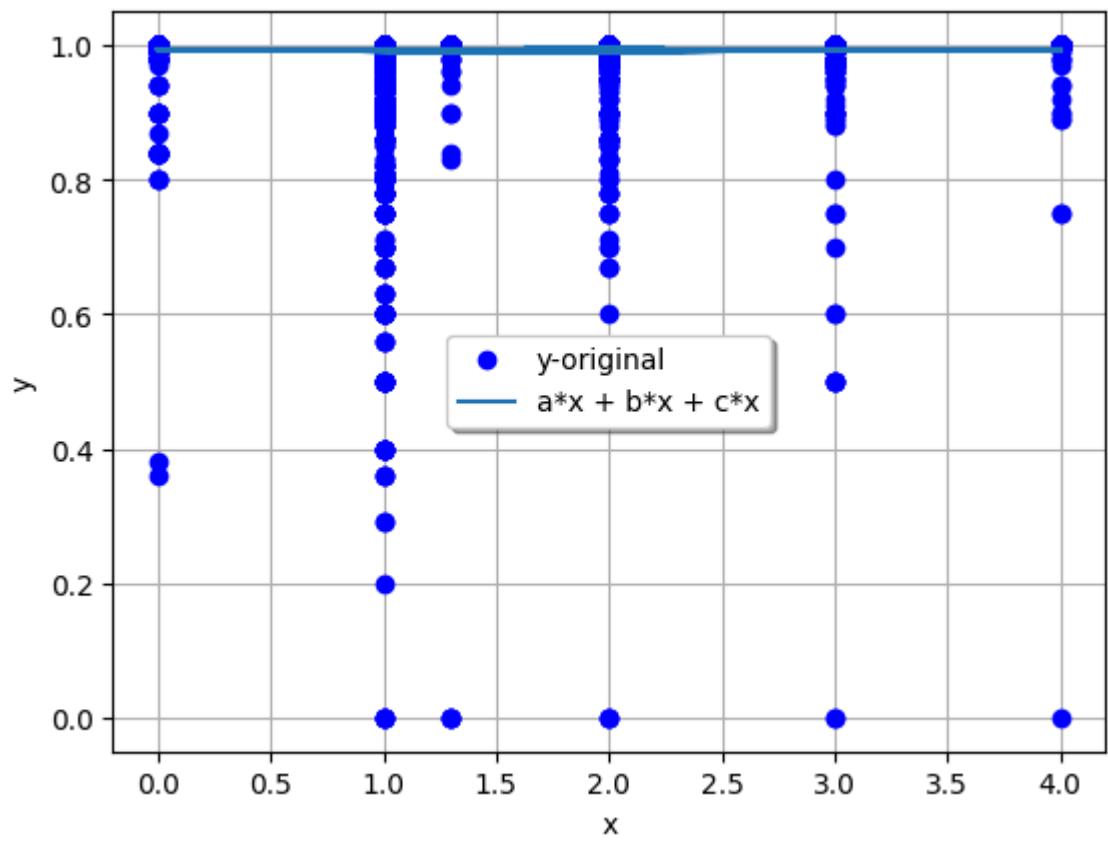
Bathrooms y Accommodates



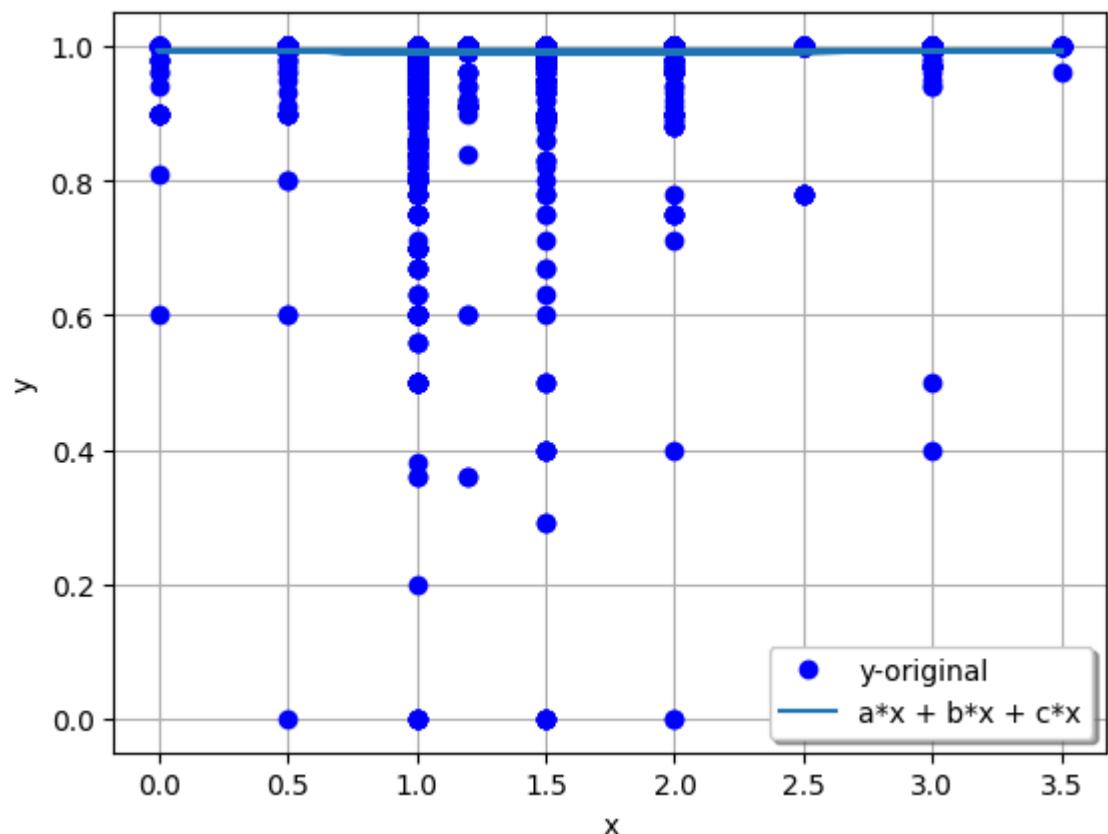
## Bedrooms y Accommodates



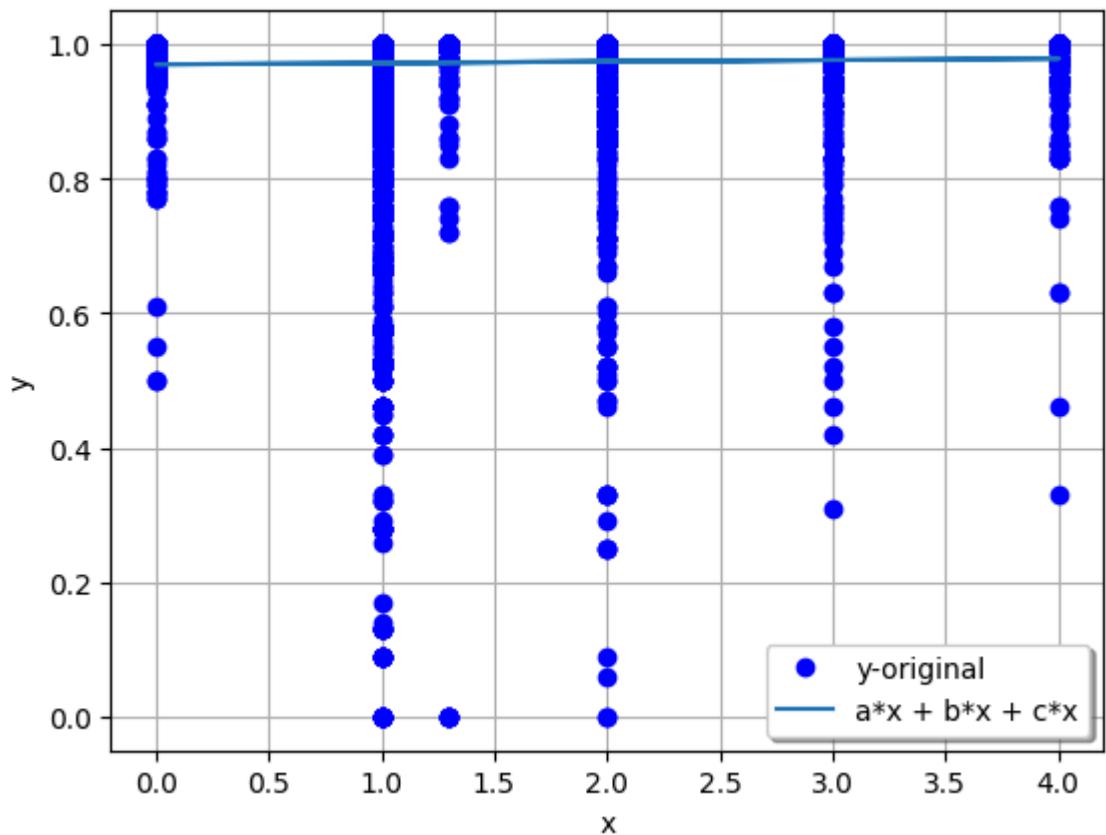
Bedrooms y Host response rate



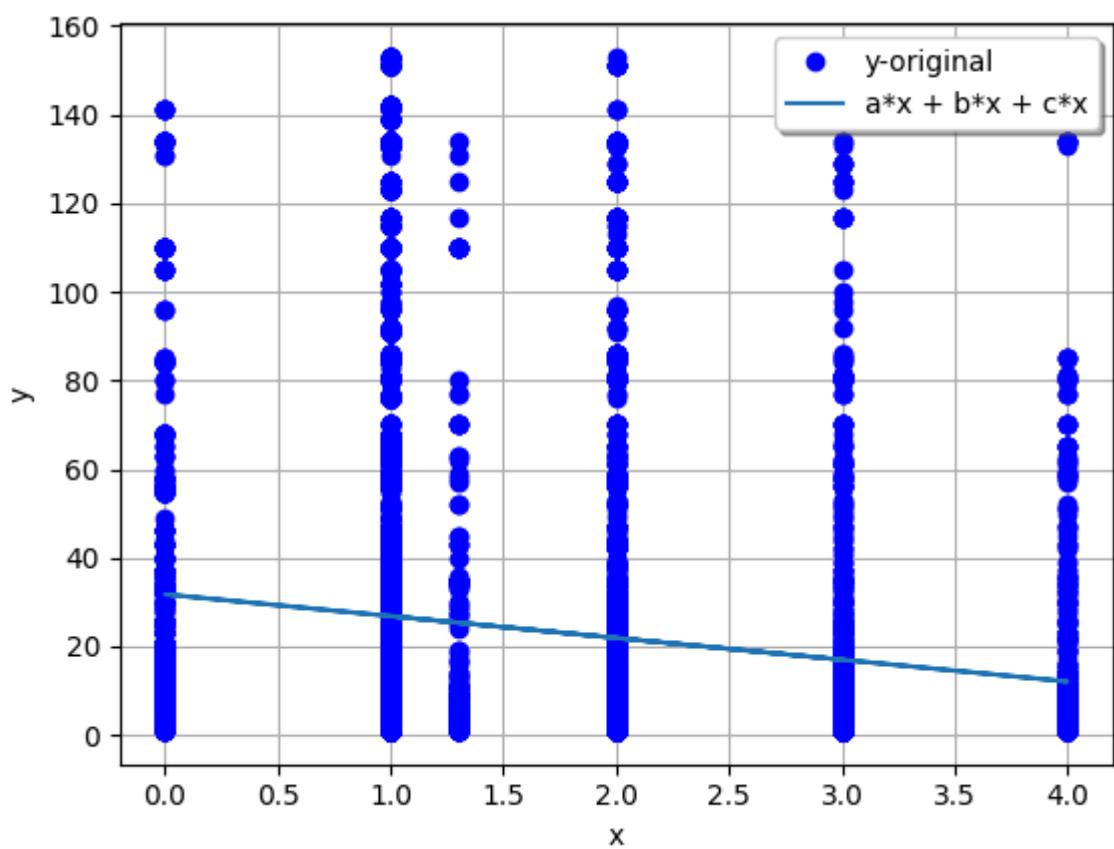
Bathrooms y Host response rateBedr



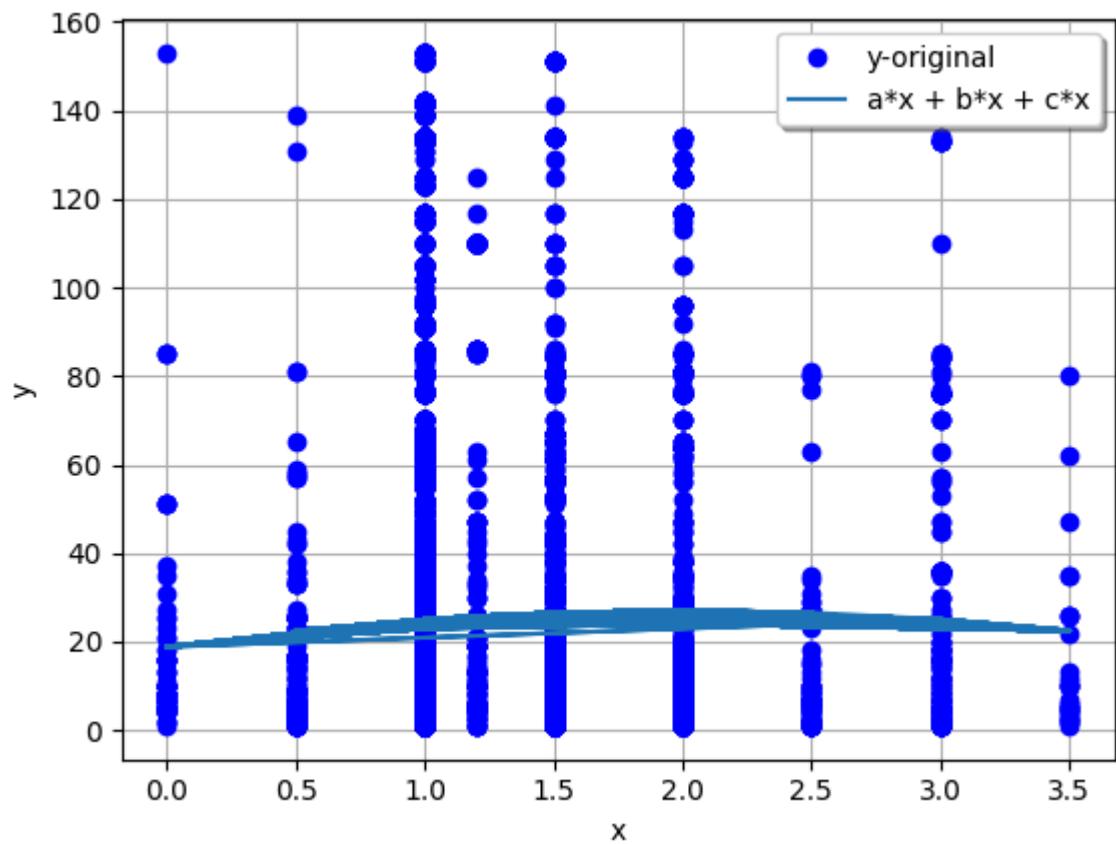
Bedrooms y Host acceptance rate



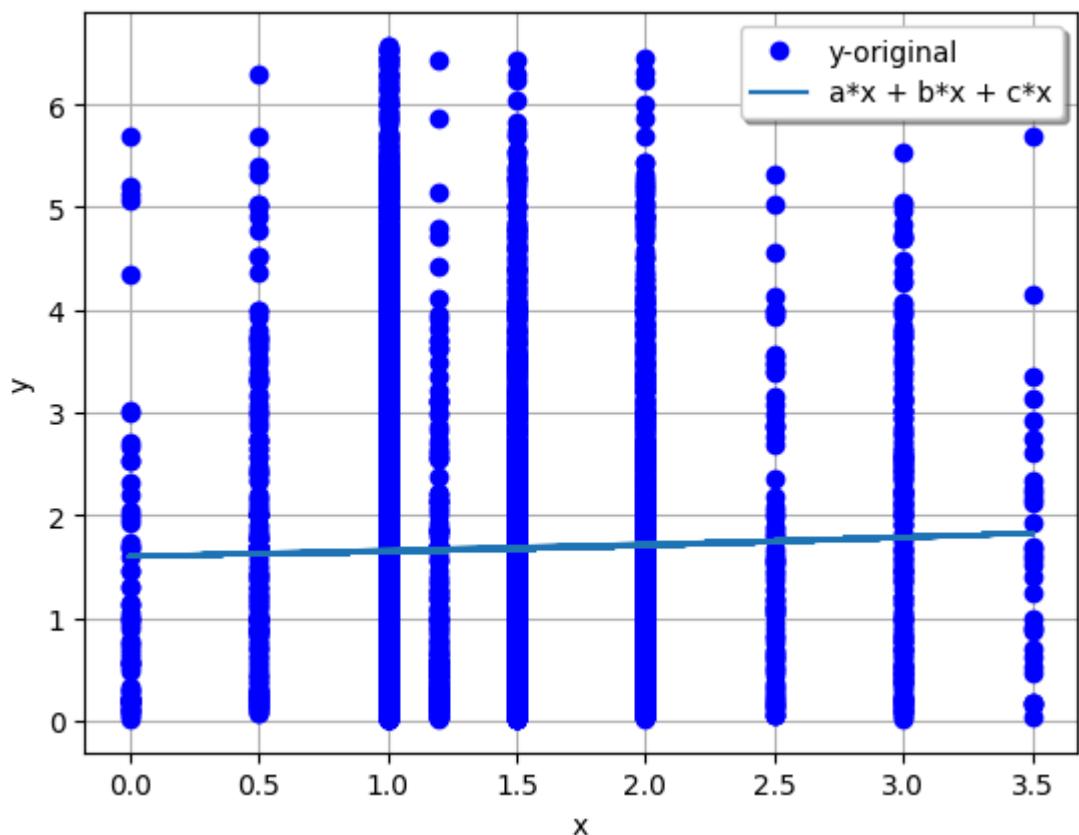
Bedrooms y Host total listing count



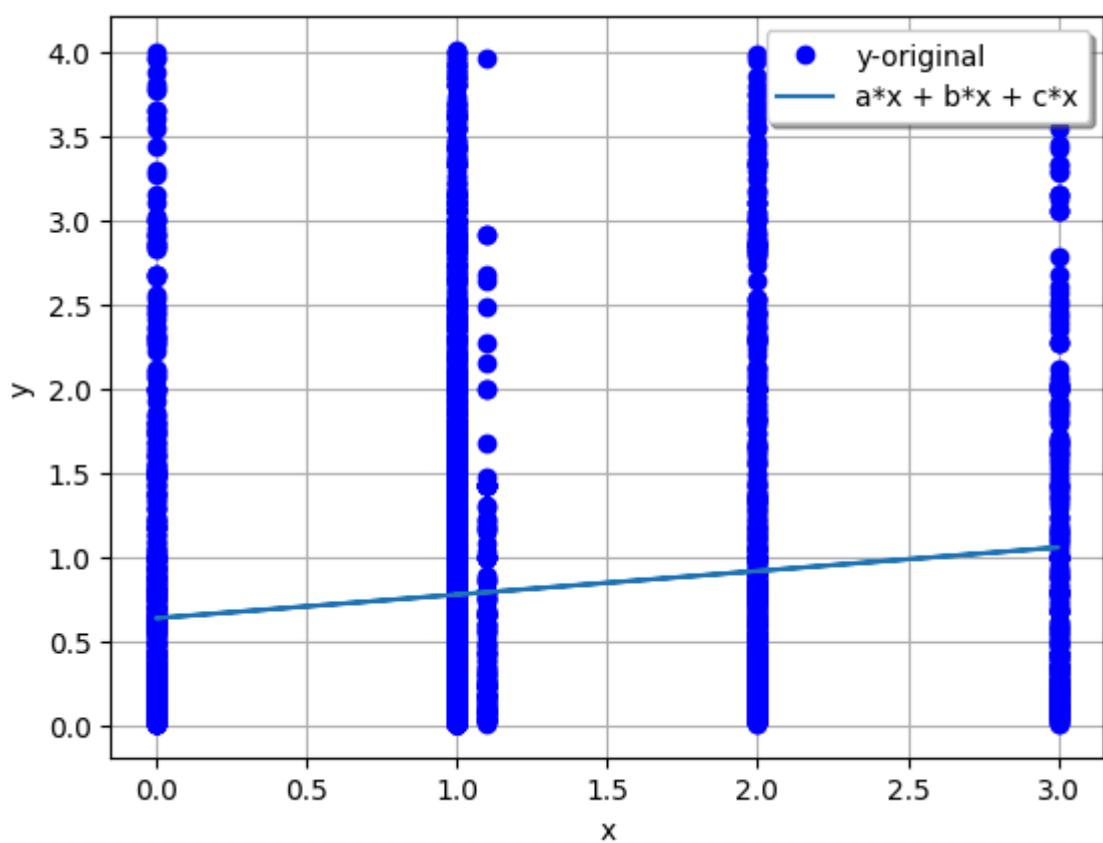
Bathrooms y Host total listings count BathrB



Bathrooms y Reviews per month

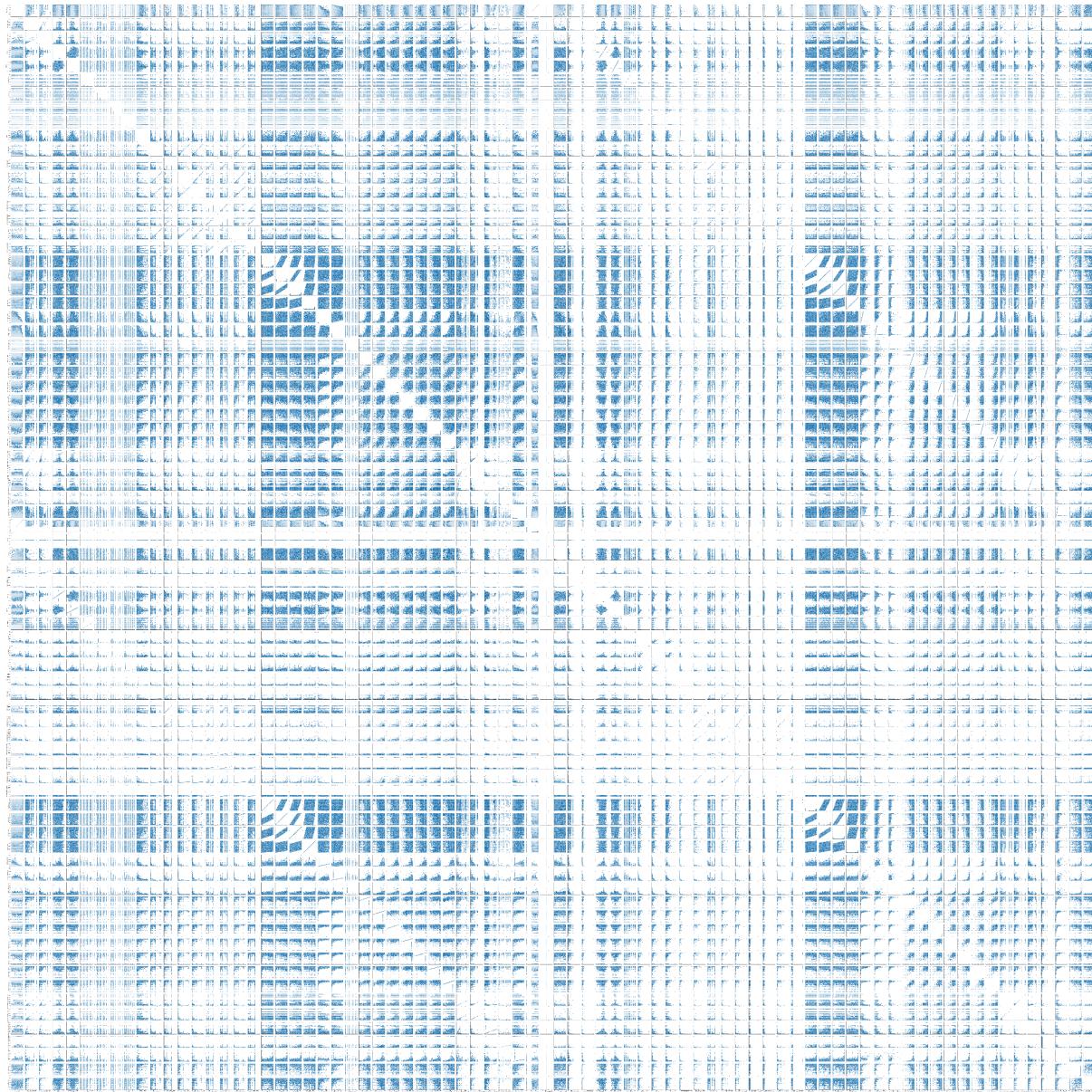


Bedrooms y Reviews per month

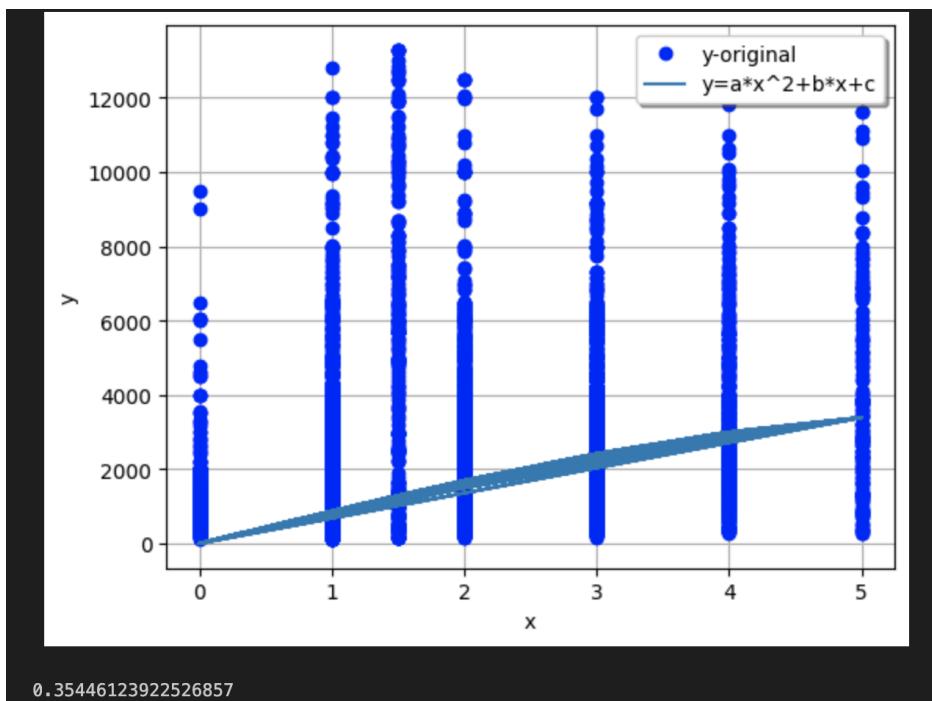


# Gráficas México

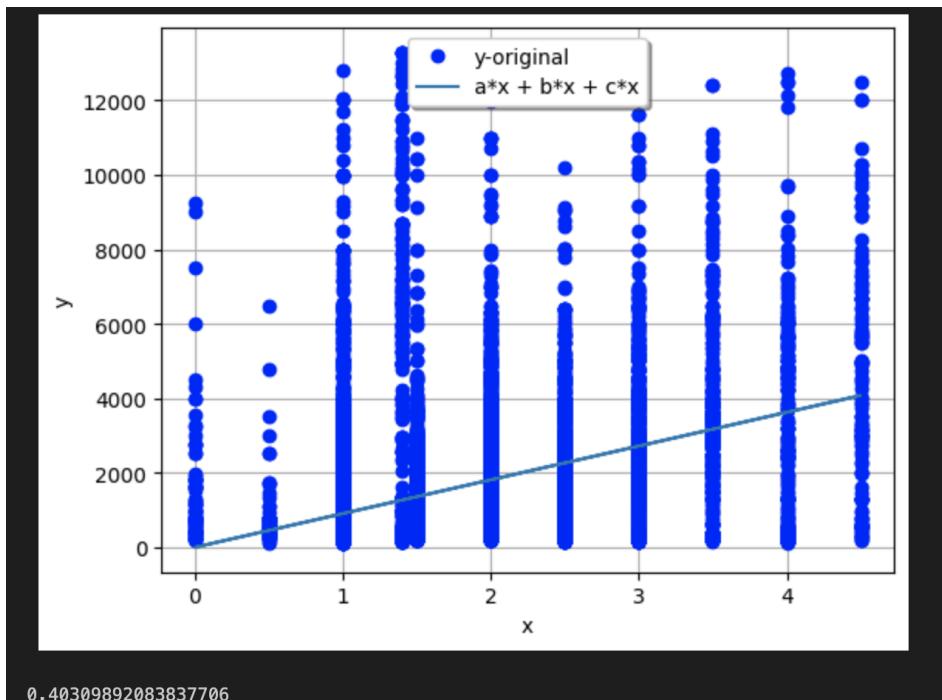
## Pairplot



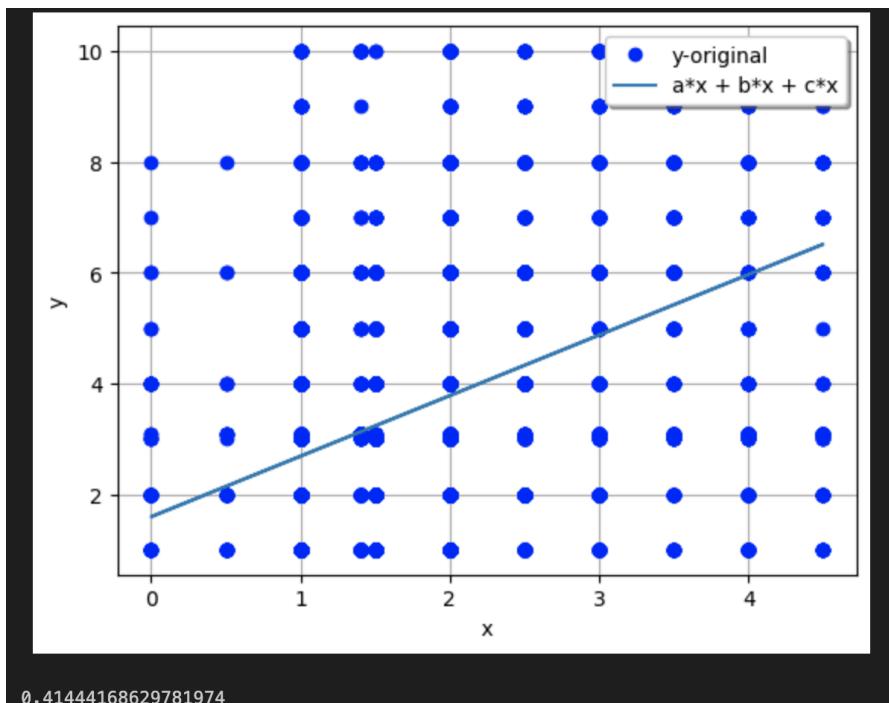
Bedrooms y price



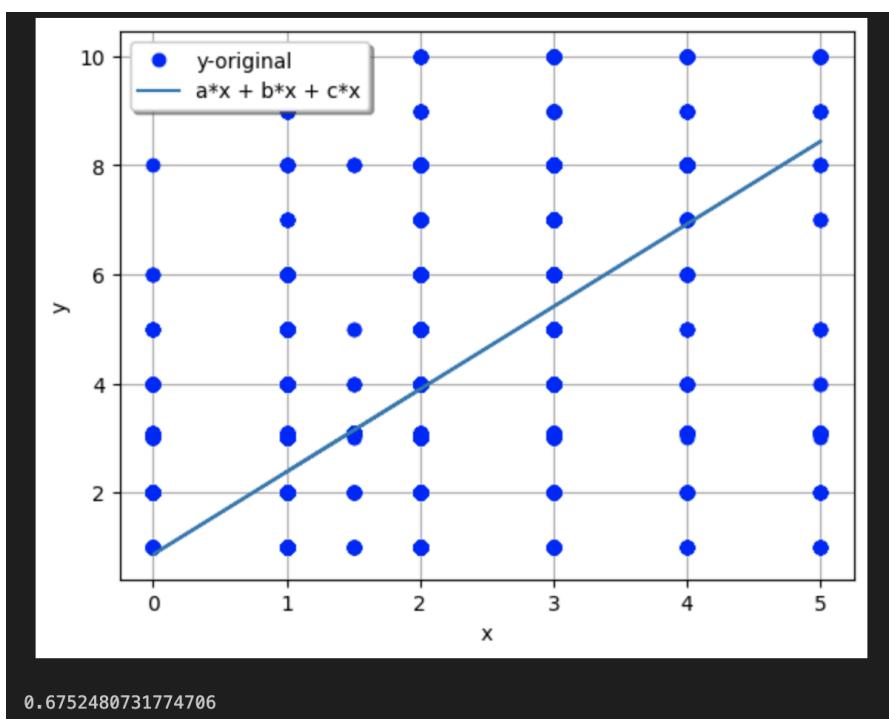
Bathrooms y price



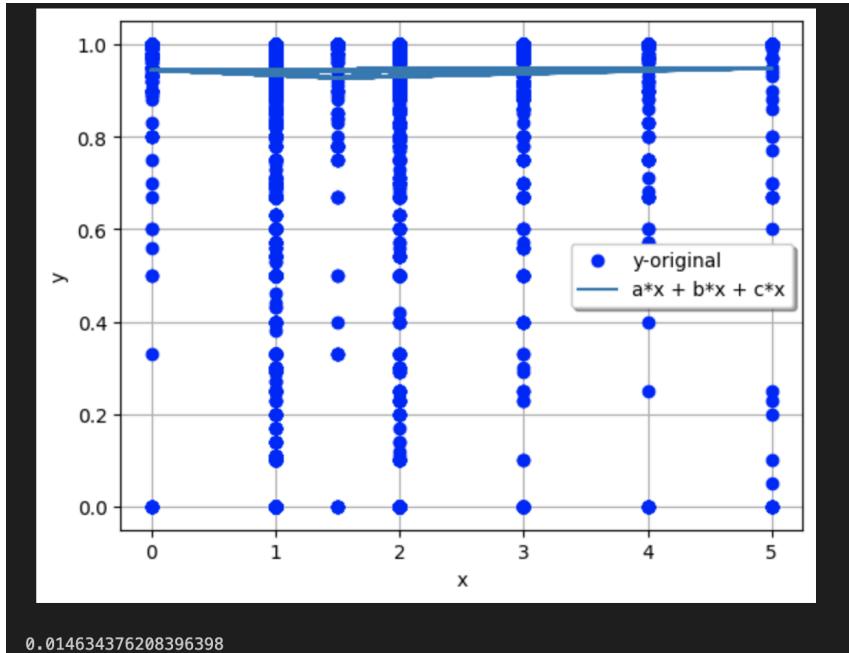
Bathrooms y Accommodates



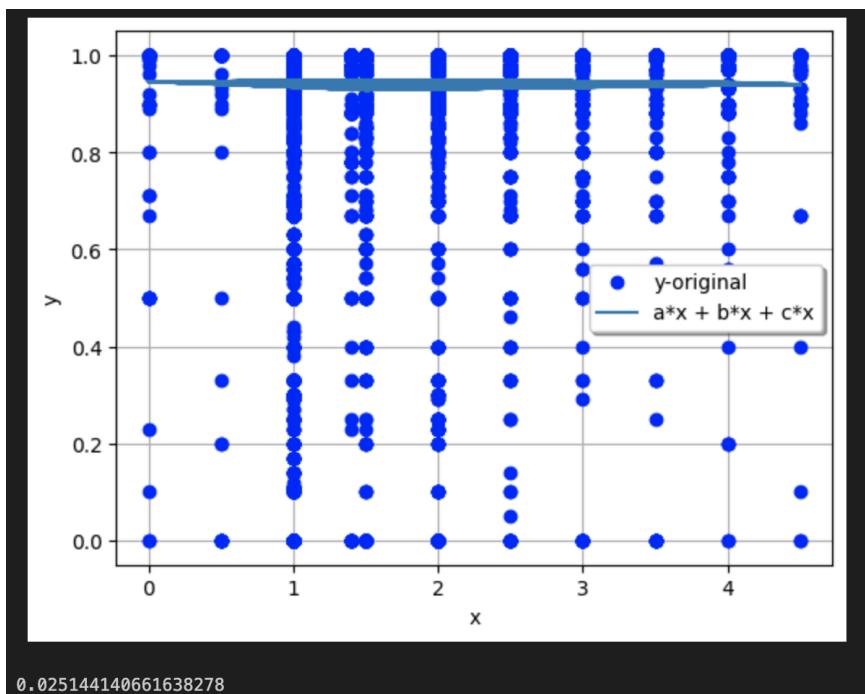
Bedrooms y Accommodates



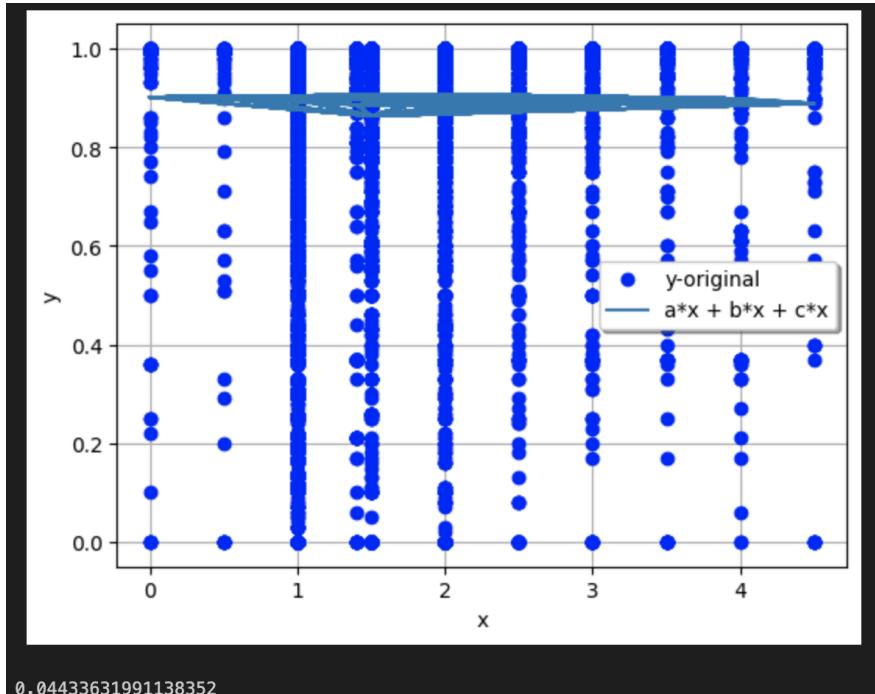
Bedrooms y host\_response\_rate



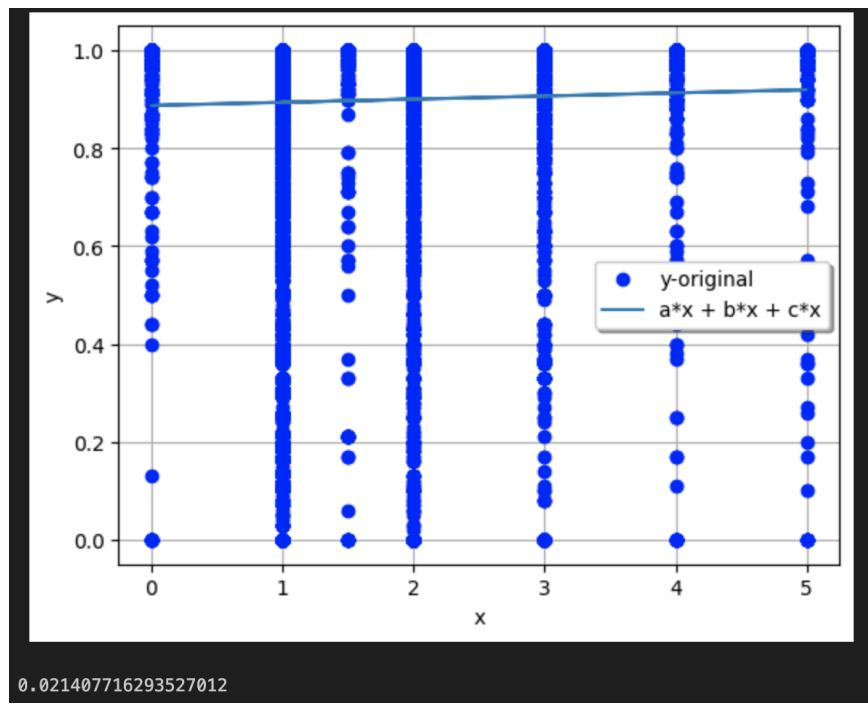
Bathrooms y host\_response\_rate



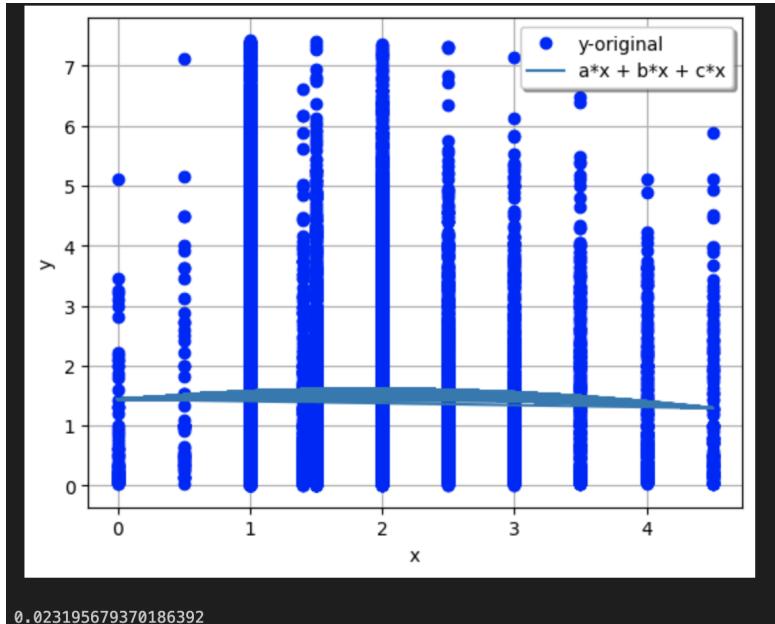
Bathroom y host\_acceptance\_rate



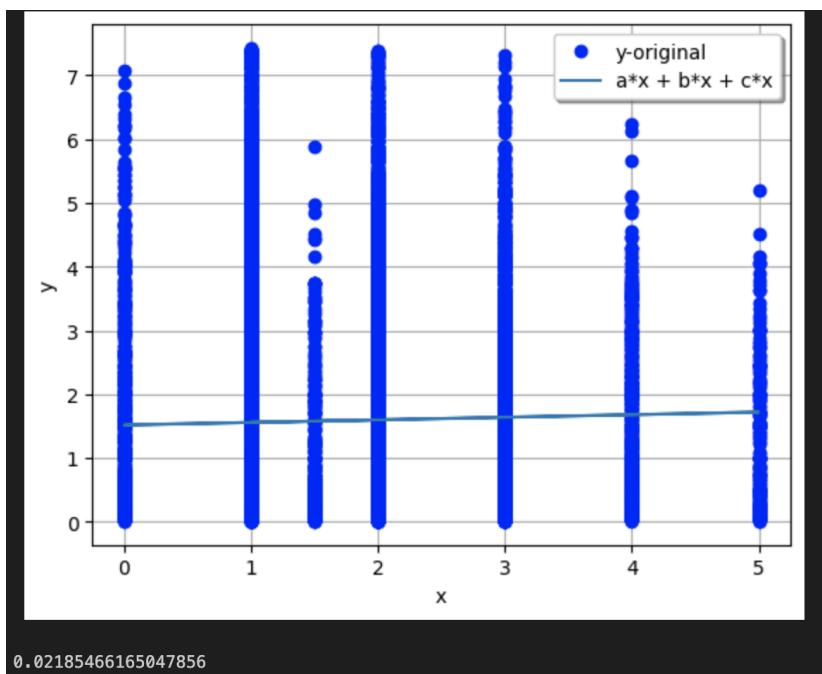
Bedrooms y host\_acceptance\_rate



Bathrooms y review\_per\_month



Bedrooms y review\_per\_month



## Conclusión

Durante la elaboración de estos modelos, se hizo uso de distintas funciones para la predicción de los mismos, mismas que fueron variando dependiendo cómo se adecuaran a nuestros modelos, entre estas funciones se destacan las funciones tangencial, senoidal, cuadrática, de polinomios e inversa; fue importante el ir diversificando el método utilizado dado que al ir cambiando las variables no siempre se contaba con el mismo tipo de datos o las mismas magnitudes de los mismos, por lo que se debía ir intentando con funciones distintas para poder obtener la función que más se adaptara a los modelos creados.