

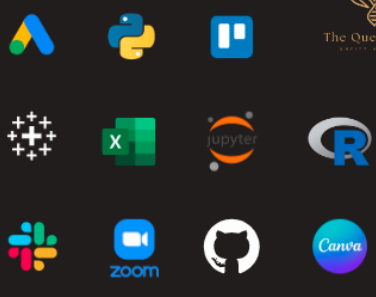
**About Me - Nic Acosta**  
 Masters I/O Psychologist & Data Science  
 Soon by Entity Academy & AWS!  
 Researcher & Healthcare Solutions Generalist with VaxCare Vaccine Solutions  
 Social science & statistical analysis of the workplace

The Queen Bees  
 ENTITY ACADEMY

- Bachelors and masters in the same discipline
- Natural and social sciences
- Dreams of a secondary career leveraging DS in sustainability and conservation - preserving keystone species that are quickly becoming endangered like honey bees.

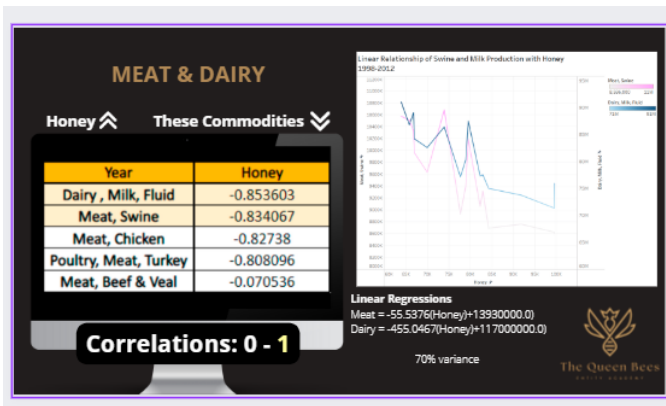
**Tools**

- Python
- Google Suite
- Trello
- Tableau
- Slack
- Jupyter Lab
- Zoom
- GitHub
- Canva
- R (R studio)
- Excel



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- The collection of tools and softwares - explain why



- We want to make a note that each categories are broken down by form and variations. Ex.
  - The first category of goods, looking at the correlation values to the left in the table.
  - The Linear graph on the right reveals the relationship...line moves on honey production time is out of order, relationship against where it falls against honey production.
  - The final Linear equations used to predict future honey values
- Honey in these goods \*variance\*
- Now we'll take a look at fruits and veggies..

**SUMMARY**

- Bee Health / Honey Production plays important role in other crops
- High Correlations (>.65) with Honey found in:
  - Milk - Swine - Apples - Grapefruit - Corn
  - Oats - Barley - Rye - Almonds - Filberts
  - Soybean Oil - Rapeseed Oil - Coffee
- Similarity in production patterns of crops in the same category
- Cannot forecast future honey production on correlations alone

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- So to summarize -table
- Important role in production of goods
- Cannot forecast future honey production on correlations alone
  - Similarity in production patterns of crops in the same category