EXERCISES WITH COPILOT CHAT

Long Prompts

Cut and paste this into Copilot GPT:

1. Suggest Excel formulae:
    a. I want to use the customer name in one excel worksheet to link to its address in another worksheet, can you give me a formula to do this?

    b. I want to pivot a database so that I can group one column of information into one row, can you guide me through?

2. Compute simple mathematics:
    a. I have a housing loan of 300,000 at 3.4% interest over 20 years. Compute my monthly payment and how much I will pay at the end

    b. Differentiate the function $f(x)=3x^3+3\ sinx+2x^2$ & integrate sine $(3x^2)$

    c. Suppose you have two boxes. Box A contains 3 red balls and 2 blue balls, while Box B contains 1 red ball and 4 blue balls. You randomly select one of the boxes and then randomly draw one ball from the selected box. What is the probability that the ball drawn is red, given that it was drawn from Box A?

3. Prompt for creating toy (ChatGPT)

    Create a toy of the person in the photo, let it be an action figure dressed in 16 century Japanese armour. Next to the figure there should be two toy katana swords, kabuto helmet, clan flags and staff, and a yara long sword, add a hole at the top of the box like action figure box and write "Samurai" visualise this in a realistic way

4. Cut and paste this into Copilot chat to ask it to change the writing style, summarise or translate:

Digital marketing effectively began in 1990 when the Archie search engine was created as an index for FTP sites. In the 1980s, the storage capacity of computers was already large enough to store huge volumes of customer information. Companies started choosing online techniques, such as database marketing, rather than limited list brokers. Databases allowed companies to track customers' information more effectively, transforming the relationship between buyer and seller.

In the 1990s, the term *digital marketing* was coined. With the development of server/client architecture and the popularity of personal computers, Customer Relationship Management (CRM) applications became a significant factor in marketing technology. Fierce competition forced vendors to include more services in their software, such as marketing, sales, and service applications. Marketers were also able to own online customer data through eCRM software after the Internet was born. This led to the first clickable banner ad going live in 1994, which was the **"You Will"** campaign by AT&T, and over the first four months of it going live, 44% of all people who saw it clicked on the ad. Early digital marketing efforts focused on simple HTML websites and the burgeoning practice of email marketing, which allowed for direct communication with consumers.

In the 2000s, with increasing numbers of Internet users and the birth of the iPhone, customers began searching for products and making decisions about their needs online first, instead of consulting a salesperson, which created a new problem for the marketing department of a company. In addition, a survey in 2000 in the United Kingdom found that most retailers still needed to register their own domain address. These problems encouraged marketers to

find new ways to integrate digital technology into market development. At the same time, PPC advertising introduced by Google AdWords in 2000, allowed businesses to target specific keywords, making digital marketing more measurable and cost-effective

5. Try to reply to this email from angry customer:

I am utterly disappointed with your company service yesterday when I called to talk to one of your customer service officer. Her name was Stella Lee. She was not only not helpful but also rude and impatient. When I asked her if I could return a faulty part bought from your company last week, she told me just follow the procedure. When I asked her what procedure, she told me just read the instructions. I was furious but she got even more furious. From there we started to exchange some remarks and she even used the F word on me. This is totally ridiculous!!!! I demand an apology from your company! Tell me what you are going to do about this and this spiteful employee of yours!