Presentation By John Beaumont

Artificial Intelligence

Easy AI: Using ChatGPT for Everyday Tasks:

Part One: Language

Images in This Presentation Were Created Using ChatGPT

A welcome message from my great-great-grandfather.

Produced with AI tools from MyHeritage

Welcome

In this part, we will cover:

- **Some AI Terms You Might Hear**
- **The Evolution of AI**
- **Some Practical Uses**
- **Real Time Examples**

Some Terms You Might Hear

Defining Artificial Intelligence

Artificial Intelligence, or AI

- Attempts to mimic human intelligence and reasoning.
- It is designed to perform either generic or specific tasks.
- Improves through learning and feedback.

Defining Specific AI

Specific or Narrow AI

- Designed for one specific task (GPS, Translation, Speech Recognition.)
- Widely used but not widely identified as AI.
- Designed to be accurate and avoid mistakes

Defining Generative AI

Generative AI

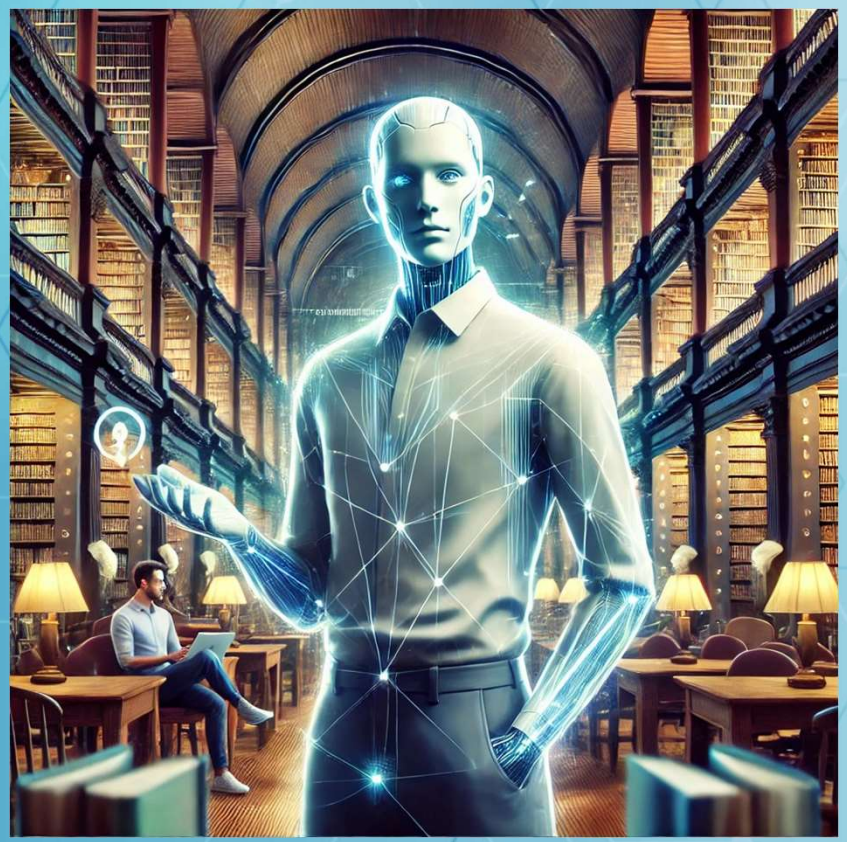
- Creates (generates) new content (text, images, chatbots.)
- Widely in the news at the moment.
- Designed to be intuitive and can make mistakes.

Defining Large Language Model

A Large Language Model (LLM)

- Specific type of Generative AI that focuses on text.
- Can communicate in a human-type conversational way.
- Understands questions, context and can be very creative.

Generative AI - Imagined



He'll make up an answer if he doesn't know.

She gives differing answers to the same question.

The Evolution of AI

The Evolution of AI

Decision Making Systems

Adaptive Systems

Learning Systems

Cognitive Systems

The Evolution of AI

AI systems at this stage make specific decisions based on predefined rules and data.

These systems can adjust their behavior based on changes in their environment or new information.

AI learns from vast amounts of data and can generate contextually appropriate responses and content based on its knowledge without programming.

Future AI will perform complex thought processes, mimicking human cognitive abilities without intervention

Practical Uses of AI

Practical Uses – Generative AI

We will have conversations rather than searches

Google Gemini

Bing

COPILOT

ChatGPT

AI systems can produce incorrect/misleading information based on their training data.

They lack true understanding, leading to potentially inappropriate responses.

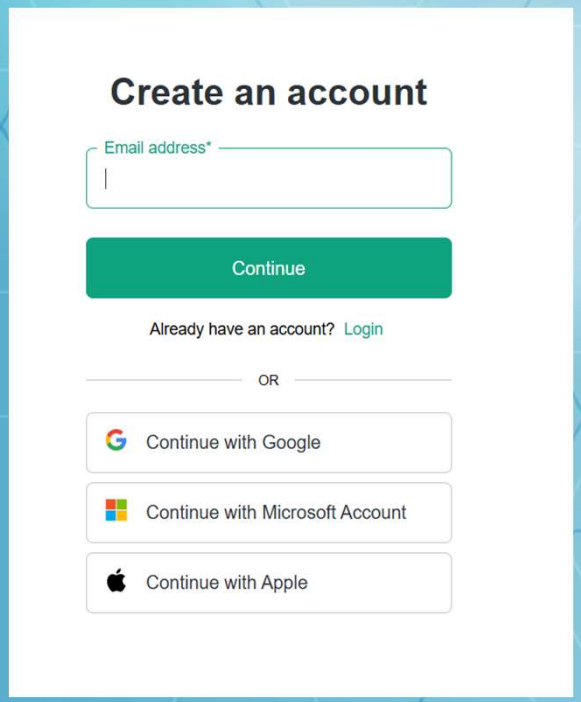
They cannot always verify current information.

AI systems can mimic experts but often without their experience and knowledge.

All generative AI responses need human verification.

Accessing ChatGPT

https://chat.openai.com/



Free

For individuals just getting started with ChatGPT

- ✓ Assistance with writing, problem solving and more
- ✓ Access to GPT-4o mini
- ✓ Limited access to GPT-4o
- ✓ Limited access to data analysis, file uploads, vision, web browsing, and image generation
- ✓ Use custom GPTs

$0 / month

Plus

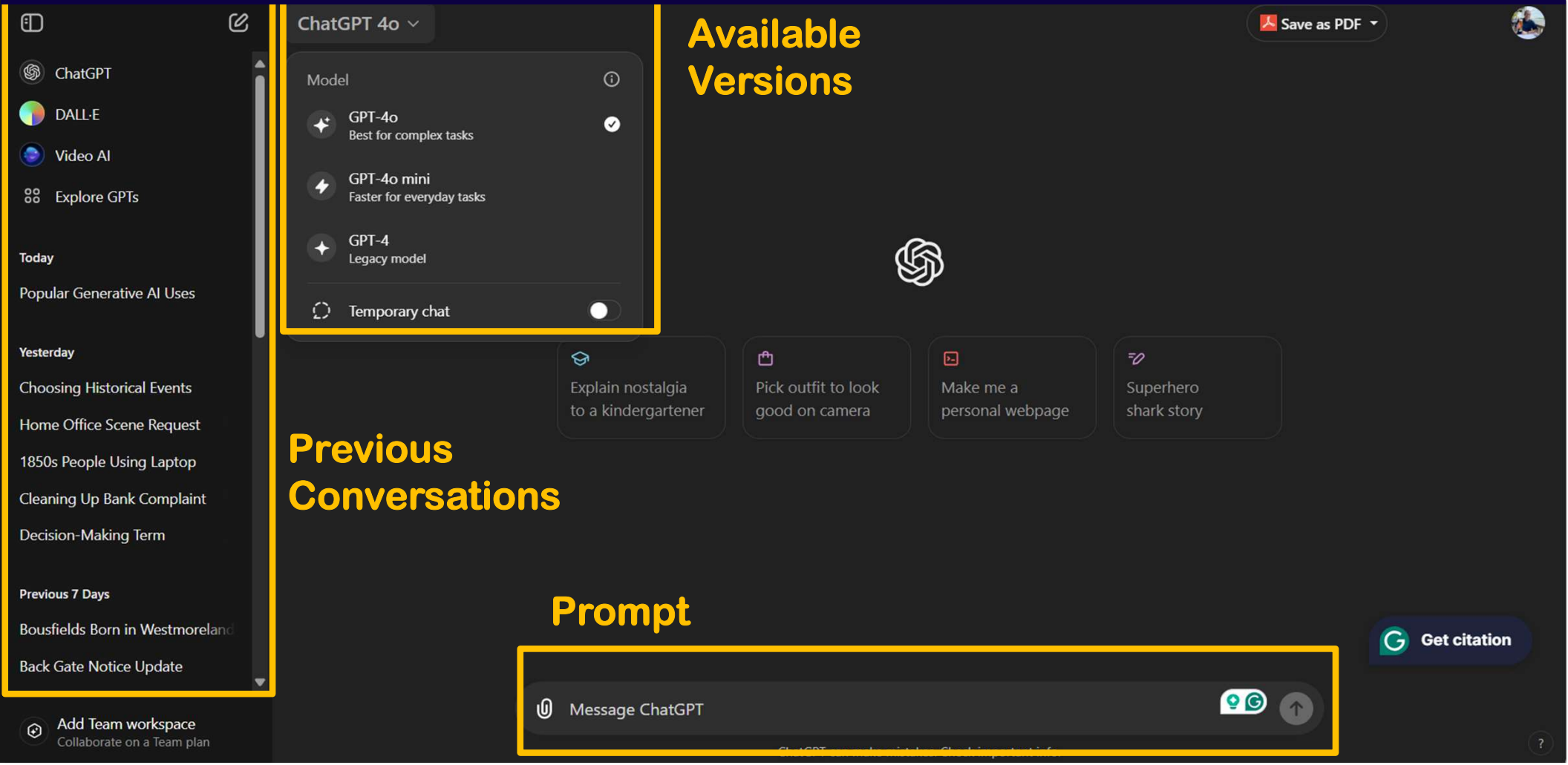
For individuals looking to amplify their productivity

- ✓ Early access to new features
- ✓ Access to GPT-4, GPT-4o, GPT-4o mini
- ✓ Up to 5x more messages for GPT-4o
- ✓ Access to data analysis, file uploads, vision, and web browsing
- ✓ DALL·E image generation
- ✓ Create and use custom GPTs

$20 / month

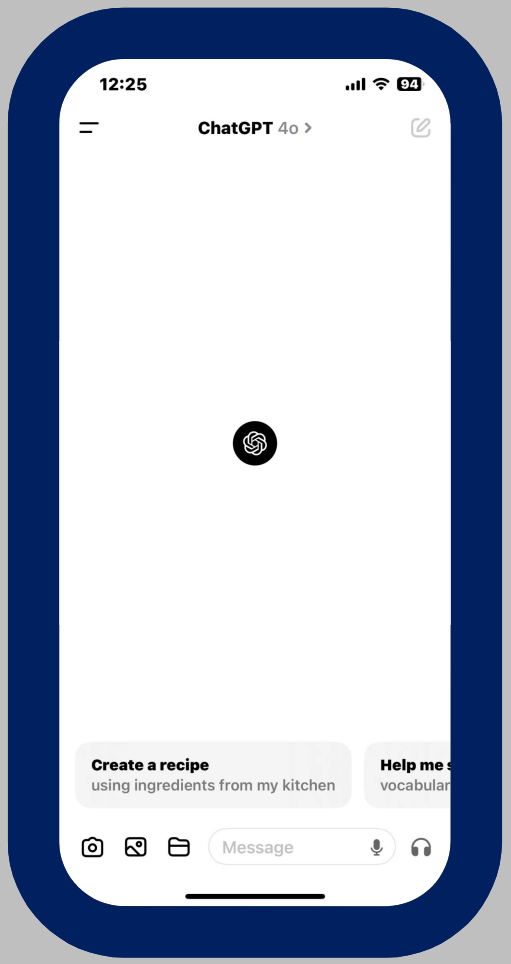
As of Aug 2024

The Prompt Screen (as of Aug 2024 – paid account)



The Prompt Screen (as of Aug 2024 – paid account)

Also available for download to your Smartphone



Works the same way as the web version

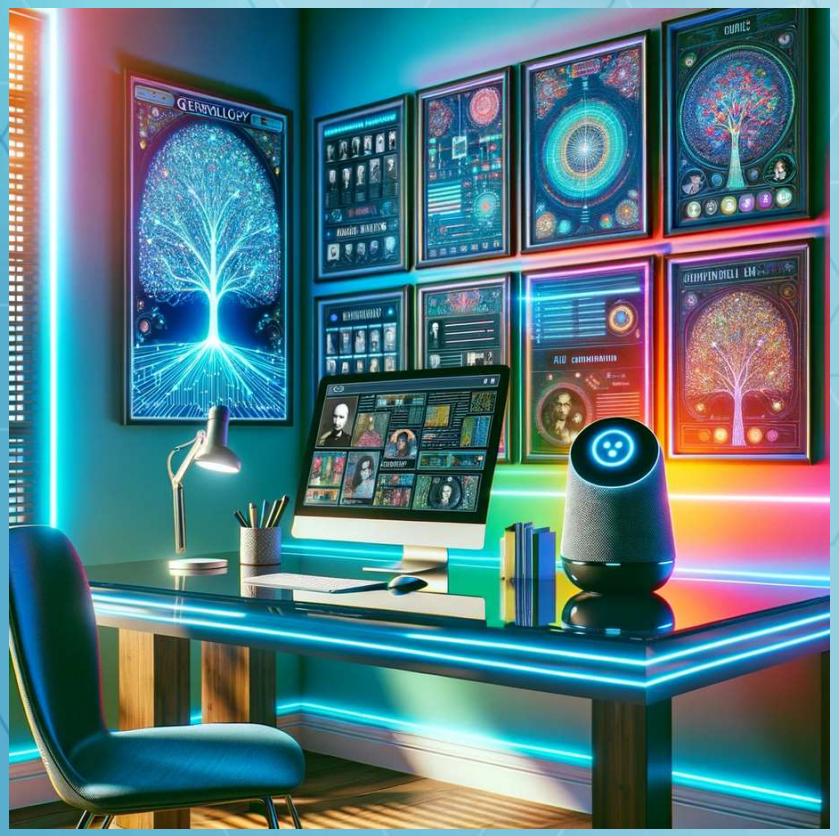
General Uses (and Many More)

You use the Prompt to interact with the AI in a conversation

- Conversational Assistance: (Casual Conversations & general Q&A)
- Creative Writing and Content Generation: (Story Generation & Brainstorming Ideas)
- Learning and Tutoring: (Educational Assistance & Language/Translation Practice)
- Task Assistance and Productivity: (Writing and Editing Support & Research)

AI as my Assistant

I use AI (BING CoPilot & ChatGPT) Extensively



Acting as my Research Assistant

Examining Documents and Images

Suggesting Research Strategies

Drafting Documentation

Suggesting Source Repositories

Checking my work for errors

Welcome Email

Getting Started With AI

Example 1: Writing & Text

Basic ChatGPT Functionality

Conversation Link

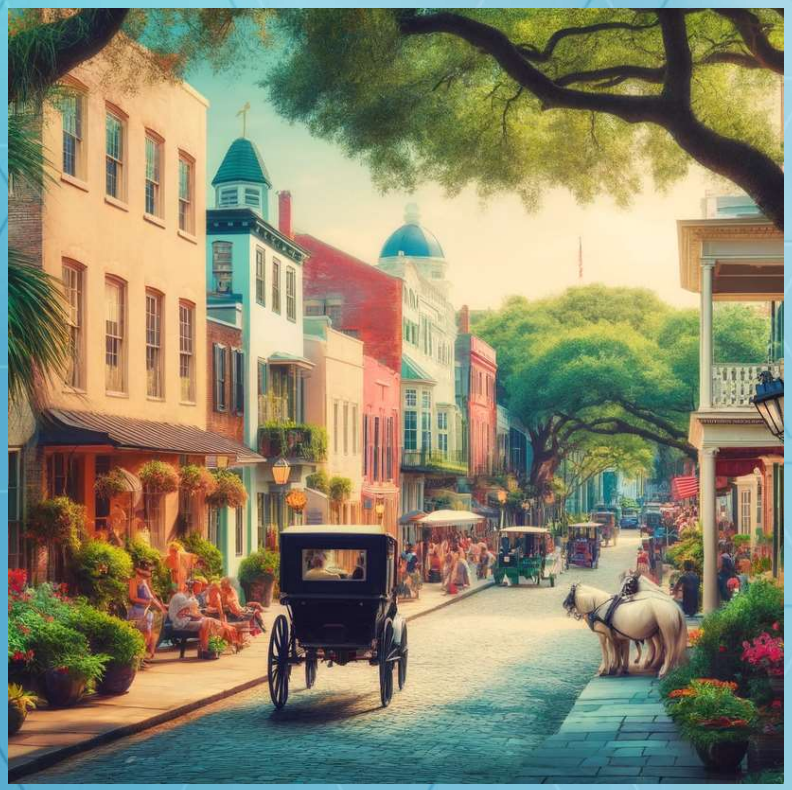
WARNING

Gen-AI Can Make Mistakes

Grammar and Spelling	Style and Tone	Content Creation
Summarization	Research and Information Gathering	Translation
Editing and Rewriting	Creative Writing	Technical Writing
SEO Optimization	Personalized Writing Assistance	Educational Support

Example 2: Planning a Vacation

Holiday Suggestions



Conversation Link

Help me decide on my vacation this year by asking me questions one at a time. My budget is $2000

Stay within the US - no more than 3 hours flight time from Tampa

Example 3: Complex Conversation

Meal Plan and Shopping List

Conversation Link

Help me plan dinner for four days. I will have three visitors at my home who prefer healthy meals, one is vegan. I would like the meals to be adaptable for both vegan and non-vegan pallets rather than different meals. There will be five for dinner. I would like a variety of meals but a minimum number of ingredients . Ask me questions, one at a time, to create a meal plan.

Ask me the first Question.

Example 4: Having Fun

Let's Talk About The Bucs 2024 Season

Here is a list of Tampa Bay Buccaneer's opponents for the 2024 NFL season. Acting as a Supporter for the Buccaneers, what are your upcoming 2024 season predictions for their win/loss for each game?
Please predict a score and a one-sentence analysis:

Conversation Link

Example 5: Reading a Menu

Select dishes from a hard to read menu.

Pizza

	SMALL 8" 6 SLICES	SM. 10" 8 SLICES	LG. 12" 12 SLICES	FLAT BREAD 12" 12 SLICES	SM. GLUTEN FREE 10" 8 SLICES
CHEESE Tampa Joe's secret pizza sauce and mozzarella cheese	10	12	20	13	
PEPPERONI Tampa Joe's secret pizza sauce, mozzarella cheese, and a generous amount of sliced pepperoni	11	14	22	15	
DOUBLE PEPPERONI, DOUBLE CHEESE Tampa Joe's secret sauce, mozzarella cheese, generous amounts of sliced pepperoni and sliced pepperoni, topped off with Provolone cheese	12	16	26	16	
BBQ CHICKEN BBQ sauce with grilled chicken, red onion, and cheddar and mozzarella cheeses, baked and topped off with a light dusting of fresh cilantro	11	14	22	15	
CLASSIC VEGGIE Basil pesto base with mozzarella cheese and generous portions of red and green peppers, artichokes and marinated mushrooms, topped with fresh feta cheese	12	16	26	15	
ALOHA HAWAIIAN Tampa Joe's secret sauce, topped with pineapple, smoked ham and mozzarella cheese	11	14	22	15	
THE WORKS Tampa Joe's secret sauce, topped with smoked ham, sliced pepperoni, Italian sausage, green peppers, mushrooms, red onions, and mozzarella cheese, baked then finished off with diced tomatoes and fresh basil	12	16	26	15	
BUFFALO JOE'S Our mild buffalo wing sauce, mozzarella cheese, spicy chicken, and parmesan bread crumbs	11	14	22	15	
ITALIAN MEAT & CHEESE PIZZA Our meat sauce starts this masterpiece followed by generous amounts of sliced pepperoni, Genoa salami, Italian sausage, meatballs, smoked ham, provolone and mozzarella cheese	12	16	26	15	

Lunch

SERVED MONDAY THROUGH FRIDAY 11AM TO 3PM

SOUTHWEST CHICKEN QUESADILLA 12
Signature tortilla stuffed with our two cheese blend, spicy chicken, tomatoes and red onions, with chipotle aioli and salsa on the side. Served with your choice of fries, sweet potato fries, house salad, Caesar salad or a cup of soup

CLUB WRAP 13
Fresh slices of ham, turkey, bacon, cheddar and Swiss cheese with shredded lettuce, diced tomatoes and ranch dressing wrapped in a garlic tortilla, served with your choice of French or sweet potato fries

JOE'S BEER BATTERED FISH & CHIPS 16
A generous helping of fresh haddock coated with our beer batter, then deep fried to a crispy golden perfection on top of a bed of French fries. Served with coleslaw, tartar sauce and a lemon wedge

TURKEY WRAP 13
Freshly sliced turkey breast, bacon, mozzarella cheese, shredded lettuce, diced tomatoes and Bistro sauce in a garlic tortilla. Served with cup of soup or fries or sweet potato fries

PIZZA & SALAD COMBO 13
An individual one topping pizza cooked with your choice of a house or Caesar salad. Additional toppings under pizzas

LUNCH SLIDERS 11
A choice of two of Tampa Joe's sliders served with one side. Bacon cheeseburger or stuffed chicken

PIZZA OF THE DAY 10
Cheers from our delicious featured pizza of the day. Ask your host or server for today's specials

SOUP & SALAD COMBO 12
A bowl of our daily soup served with a half-portion of your choice of Caesar, house or chop salad
Substitute ½ Cranberry Fields Salad For 2.00

Flatbread

STEAK & MUSHROOM 17
Crispy flatbread topped with blue cheese sauce, grilled steak, marinated mushrooms, green onions, blue cheese crumbles and mozzarella cheese

MARGHERITA 16
Crispy flatbread topped with roasted garlic, fresh basil, sliced tomatoes and mozzarella cheese. What would any good margarita be without a lime? Just a hint

Burgers

SERVED WITH A CHOICE OF FRIES OR SWEET POTATO FRIES

MUSHROOM SWISS 16
Fresh half pound hand formed patty covered with sautéed mushrooms and Swiss cheese. Served on a toasted bun with horseradish pesto

BACON CHEESE 17
Fresh half pound hand formed patty topped with bacon, cheddar and mozzarella cheeses, lettuce, red onion, tomato and pickles. Served on a toasted bun with mayo on the side

JALAPEÑO JOE 16
Fresh half pound hand formed patty topped with jalapeños, onion ring, cheddar and mozzarella cheeses, lettuce, tomato and drizzled with ranch dressing on a toasted bun

BLACK & BLUE 16
Fresh half pound hand formed certified Angus patty topped with crumbled blue cheese sauce, lettuce, tomato and red onion. Served on a toasted bun. Pairs well with Josh Cellars

TAMPA JOE'S CLASSIC 14
Fresh half pound hand formed patty with lettuce, tomatoes, red onions and pickles. Mayo on the side
ADD ON: CHEDDAR, MOZZARELLA, SWISS
OR 2 CHEESE BLEND 1 | BACON 2
MARINATED MUSHROOMS 1

Daily Specials

SUNDAY-THURSDAY 1/2 PRICE PIZZA 9PM-11PM
ALL SPECIALS ARE DINE-IN ONLY

MONDAY
BUY ONE, GET ONE 1/2 OFF PIZZA (ANY SIZE)

TUESDAY
1/2 PRICE TACOS, HOUSE MARGARITAS 4 | CORONAS 4

WEDNESDAY
CLASSIC BURGER WITH FRIES 11
SPECIALTY BURGER WITH FRIES 13
WINE DOWN WEDNESDAY - 1/2 OFF ANY BOTTLE OF WINE

THURSDAY
FAJITA DAY (STEAK OR CHICKEN) 15
1/2 PRICE TITO'S
KIDS EAT FREE

FRIDAY
ALL-YOU-CAN-EAT FISH FRY

SATURDAY
FRIED PICKLES 9
MEATBALL PARMESAN SUB 13
LITE, COORS LITE, YUENGLING, FLIGHT PITCHERS 16

SUNDAY
FRIED PICKLES 9
2 OFF ANY SIZE ORDER OF BONELESS BITES
LITE, COORS LITE, YUENGLING, FLIGHT PITCHERS 16

Handhelds

SERVED WITH YOUR CHOICE OF FRIES OR SWEET POTATO FRIES

SLIDERS - PICK THREE 17
STEAK
Bacon, lettuce, tomato, red onion, pickles, cheddar and mozzarella cheeses and mayo. Cooked to medium well
CHICKEN
Crispy chicken tossed in buffalo sauce, topped with lettuce and ranch dressing

BUFFALO CHICKEN SANDWICH 14
Crispy breaded chicken tenderloin in our mild buffalo wing sauce. Topped with lettuce, pickles, tomato and tomato on a toasted bun. Served with your choice of ranch or blue cheese dressing

GROUPER SANDWICH 19
Our grouper, lightly breaded and fried golden perfection. Served over shredded lettuce and tomato on a pepper & onion tartar sauce on a toasted bun. Tie a little taste of New Orleans add Cajun seasoning

CLASSIC TUNA MELT 13
Our signature albacore tuna salad with tomato slices, cheddar and mozzarella cheeses, baked and served on toasted Cuban bread

GRILLED CHICKEN SANDWICH 14
Grilled chicken breast with mozzarella cheese, lettuce, tomato and chipotle aioli sauce. Served on a toasted bun
ADD ON: BACON 2

TJ'S TACOS 15
Three flour tortillas served with your choice of filling:
CARNITAS
Topped with red onion, jalapeño and cilantro and finished with a BBQ drizzle
BEEF
Topped with lettuce, tomato and TJ's two-cheese blend
FISH
Thin strips of beer battered, deep-fried cod, served in three flour tortillas, topped with cilantro and cabbage slaw and a drizzle of house made chipotle aioli

TAMPA JOE'S CUBAN 16
Classic Cuban served hot, layered with ham, Genoa salami, roasted pork, Swiss cheese, pickles and mustard. Served on hand pressed Cuban bread

BEEF TIP SANDWICH 16
Shredded tenderloin tips, cooked in au jus, topped with mushrooms, sautéed onion, under melted provolone cheese. Au Jus on the side for dipping

Pasta

ADD A HOUSE OR CAESAR SALAD 4

NOT YOUR KID'S MAC & CHEESE 15
Tortilla ravioli or pasta tossed in vodka and a creamy cheese blend, topped with parmesan bread crumbs and baked to perfection
ADD ONS:
CHICKEN 4 | ITALIAN SAUSAGE 3 | MEATBALLS 3

CAJUN CHICKEN ALFREDO 18
Fettuccini pasta in a Cajun Alfredo sauce with chicken, roasted garlic, sundried tomatoes and parmesan cheese. Add Broccoli 1

ITALIAN MEAT & CHEESE 18
Generous portions of Italian sausage, sliced pepperoni, Genoa salami and meatballs tossed in fettuccini and homemade meat sauce, finished with shredded parmesan and provolone cheese

JOE'S CARBONARA 18
Fettuccini tossed in a creamy garlic white wine Alfredo sauce tossed with bacon, green peas and parmesan cheese. Topped with sliced grilled chicken

FETTUCCINI ALFREDO 15
Tampa Joe's Alfredo sauce tossed with our fettuccini noodles
ADD ON: CHICKEN 4 | SALMON 9 | SHRIMP 7

Entrées

FROM THE FARM

ADD A HOUSE OR CAESAR SALAD 4

BEEF & BACON KABOBS 28
Three skewers of tender beef tenderloin medallions wrapped in crisp smoked bacon, cooked to your perfect temperature. Served with a hot, creamy blue cheese sauce and your choice of two sides

SLOW ROASTED RIBS FULL RACK 29 ½ RACK 19
Full of the bone baby back ribs slow roasted in house for over four hours, basted in your choice of "Sweet Baby Ray's," barbecue sauce or kickin' bourbon glaze. Served with your choice of two sides

CHICKEN, RICE & BROCCOLI 16
Tender grilled or Cajun grilled chicken breast, served with steamed broccoli and a 3-grain rice blend

CHEF'S SELECTION STEAK MP
TJ's chefs will select the best cut of fresh steak that we grill to order. Served with your choice of 2 sides.
Pairs well with Merlens Pinot Noir
CHOICE OF: BLUE CHEESE SAUCE | GARLIC BUTTER

CHICKEN TENDERS 16
Fresh white meat chicken tenders lightly breaded and fried. Served with your choice of two sides
DIPPING SAUCE CHOICES:
RANCH | HONEY MUSTARD | BBQ

FROM THE SEA

FISH & CHIPS 20
Fresh haddock, coated with house-made beer batter, then deep fried to a crispy golden perfect, served on top of a bed of French fries. Served with coleslaw, tartar sauce and a lemon wedge

GRILLED SALMON 24
Perfectly grilled 8 oz salmon filet
Served with choice of two sides
CHOOSE YOUR SAUCE:
GARLIC BUTTER | THAI GLAZE | BOURBON GLAZE

Sides

FRIES
SWEET POTATO FRIES
LONG GRAIN WILD RICE
COLESLAW
STEAMED BROCCOLI
SAUTEED SPINACH
TAMPA JOE'S SIGNATURE CHEESY MASHED RED SKIN POTATOES
ONION RINGS

*Consuming raw or undercooked meats, poultry, seafood, shellfish or eggs may increase your risk of foodborne illnesses, especially if you have certain medical conditions.

Please read this menu - I am on a low-fat diet. What would your suggestions be?

I have a friend who has a keto diet, please find recommended dishes for her

Conversation Link

Example 6 : Chatbot Simulation

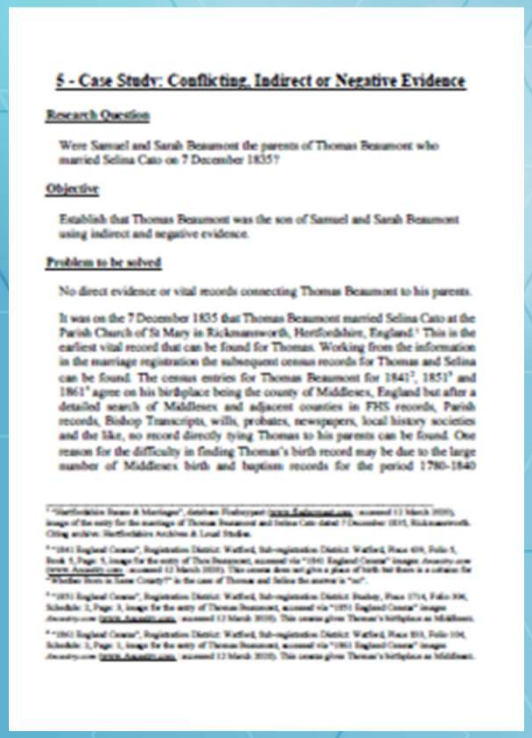
ARC Rules interpretation

This document are our community rules for architectural changes. Please read and answer any questions I may have regarding changes to my home.

Conversation Link

Example 7: Report Reviewing

Examine and Summarize a Complex Report



5 - Case Study: Conflicting, Indirect or Negative Evidence

Research Question

Were Samuel and Sarah Beaumont the parents of Thomas Beaumont who married Selina Cato on 7 December 1835?

Objective

Establish that Thomas Beaumont was the son of Samuel and Sarah Beaumont using indirect and negative evidence.

Problem to be solved

No direct evidence or vital records connecting Thomas Beaumont to his parents.

It was on the 7 December 1835 that Thomas Beaumont married Selina Cato at the Parish Church of St Mary in Rickmansworth, Hertfordshire, England.[1] This is the earliest vital record that can be found for Thomas. Working from the information in the marriage registration the subsequent census records for Thomas and Selina can be found. The census entries for Thomas Beaumont for 1841[2], 1851[3] and 1861[4] agree on his birthplace being the county of Middlesex, England but after a detailed search of Middlesex and adjacent counties in FHS records, Parish records, Bishop Transcripts, wills, probates, newspapers, local history societies and the like, no record directly tying Thomas to his parents can be found. One reason for the difficulty in finding Thomas's birth record may be due to the large number of Middlesex birth and baptism records for the period 1780-1840

[1] "Hertfordshire Banns & Marriages", database FindMyPast (www.findmypast.com : accessed 12 March 2020), image of the entry for the marriage of Thomas Beaumont and Selina Cato dated 7 December 1835, Rickmansworth. Citing archive: Hertfordshire Archives & Local Studies.

[2] "1841 England Census", Registration District: Watford, Sub-registration District: Watford, Piece 459, Folio 5, Book 5, Page: 5, image for the entry of Thos Beaumont, accessed via "1841 England Census" images (Ancestry.com : accessed 12 March 2020). This census does not give a place of birth but there is a column for "Whether Born in Same County?" in the case of Thomas and Selina the answer is "no".

[3] "1851 England Census", Registration District: Watford, Sub-registration District: Bushey, Piece 1714, Folio 306, Schedule: 2, Page: 3, image for the entry of Thomas Beaumont, accessed via "1851 England Census" images (Ancestry.com : accessed 12 March 2020). This census gives Thomas's birthplace as Middlesex.

[4] "1861 England Census", Registration District: Watford, Sub-registration District: Watford, Piece 854, Folio 104, Schedule: 2, Page: 1, image for the entry of Thomas Beaumont, accessed via "1861 England Census" images (Ancestry.com : accessed 12 March 2020). This census gives Thomas's birthplace as Middlesex.

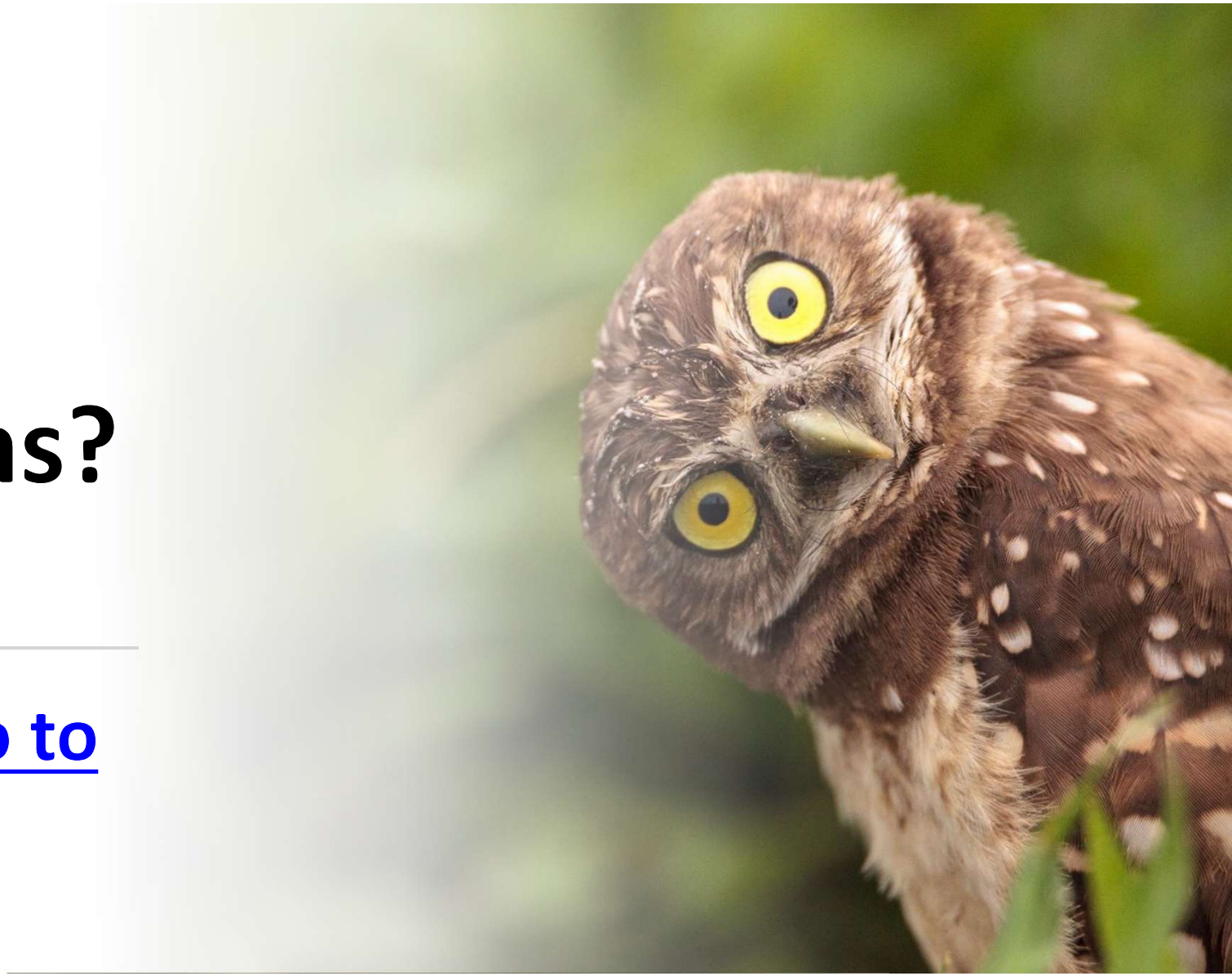
Conversation Link

Read the attached document and provide an overview of the contents.

Check the citations for correctness and tell me the five most cited sources.

Is there any ambiguity in the conclusions?

How can my report be improved?

Any Questions?

Before we go to Part two.