Topic List

A regularly updated list of class topics and relevant materials. If you have any requests for topics, just let me know!

- Daily Life
- Business / Tech

Daily Life

Visualisation: Salaries by European Country
https://www.visualcapitalist.com/mapped-which-european-countries-actually-pay-the-highest-salaries/

What causes traffic jams?
The Hidden Cause of Traffic Jams—and How to Solve Them

Why were timezones invented?
When Did Time Zones Become a Thing? (Short Animated Documentary)

Tobacco Use By Country
Visualisation: https://www.visualcapitalist.com/tobacco-use-by-country/

Describing data: Internet Usage by Country
Charts: https://ourworldindata.org/internet#all-charts

Winning the Lottery Twice - Probability
Article: https://kityates.substack.com/p/just-how-unlikely-is-it-to-win-the

Why is LinkedIn so weird?
Why is LinkedIn so weird?

Superstitions
Article:
https://theconversation.com/the-science-of-superstition-and-why-people-believe-in-the-unbelievable-97043

Animals & Nature
Describing pictures:
https://www.nationalgeographic.com/premium/graphics/pictures-of-the-year-2023

World's Most Beautiful Buildings
Article: https://www.timeout.com/travel/worlds-most-beautiful-buildings

Cities & Infrastructure
NEOM | What is THE LINE?

International Trade
Visualisation: https://www.visualcapitalist.com/mapped-top-export-in-every-country/

Making Mistakes
Video: CEO Secrets: 'Be honest when you mess up' - BBC News

Productivity Methods:
Video: Maximize Productivity With These Time Management Tools | Dr. Cal Newport & Dr.…

Side Hustles / Part-Time Work / Gig Work:
Podcast: https://radiolab.org/podcast/gigaverse/transcript

Collocations: Light vs. Precise Verbs (e.g. watch vs. monitor)
Worksheet: Collocations: Light vs. Precise

Business / Tech

Future of AI / AI and Layoffs
Researchers studied AI layoffs. Here's their warning.

Why is every product a subscription model now?
Subscriptions Are Ruining Our Lives. Here's Why They're Everywhere Now.

AI Native Organisations: Smaller Teams, Faster Execution, Fewer Roadmaps
https://hackernoon.com/the-ai-native-organization-smaller-teams-faster-execution-fewer-roadmaps

Phrases for daily work tasks (e.g. triage JIRA tickets, monitor system, build new features)
Day in the Life of a Software Engineer - Forage

Any technical computing/software topic based on a video from this channel: Computerphile - YouTube

The Problem with Time and Timezones (Programming)
The Problem with Time & Timezones - Computerphile

Describing Data: Cloudflare Traffic
Data: https://radar.cloudflare.com/

Cloud providers ranked by market share
Visualisation:
https://www.visualcapitalist.com/the-worlds-largest-cloud-providers-ranked-by-market-share/

How to choose a good password
Video: **How to Choose a Password - Computerphile**

Estimation (Fermi) interview questions (e.g. How many cars are there in NYC?)
Video: How To Answer Estimation Questions Like A Product Manager

Transition phrases to describe processes
Using Transition Phrases

Networking and Small Talk with Colleagues
Networking & Small Talk

Data-driven vs. data informed
Article: https://hackernoon.com/data-inspired-5c78db3999b2

Mathematics / Logic Problems: Every card shuffle is unique
Video: Professor explains why every card shuffle is unique ♥♦ - YouTube

English for AB Testing
Cheat sheet: English for AB Testing (Master)

Language for Soft Skills (e.g. communication, problem-solving, etc..)
Worksheet: Language for Skills.pdf

Game Theory / Probability - Discussing a dice roll casino game (Maths)
A Jane Street Trading Mock Interview with Graham and Andrea

How Amazon makes money (Financial)
How Amazon Makes Money: The Secrets Behind Its Business Model

Asking questions
Video: 'So you won't take down lies?': Alexandria Ocasio-Cortez challenges Facebook CEO

Pros and Cons: Start Ups vs. Large Corporations (Career)

Article: https://www.linkedin.com/pulse/working-startup-vs-large-corporation-julia-sawczenko/

Making Comparisons Between Tools (comparatives/superlatives)
Worksheet: e.g. AWS vs GCP (VIEW HERE)

10 Phrasal Verbs for Data
Worksheet: e.g. pull up, filter out (VIEW HERE)

Cloud vs. On Premise: Solution-Selling (Business)
Unlocking the Power of Data: Cloud vs. On-Premises Debate | KoPiJom Podcast Episode 1 Part 2

Edge cases, syntax, programming terminology:
Podcast: https://radiolab.org/podcast/null

Describing Charts, Graphs, Data, Patterns, Trends
Guides & Examples:

- Tenses
- Structure

Descriptive Language for Technology
Article: https://www.theverge.com/2024/4/21/24063379/windows-11-ads-bing-edge-cruft

Gathering Requirements:
https://www.reddit.com/r/salesforce/comments/1dnctxu/what_are_your_go_to_questions_when_doing/

Keyboard Symbols and Syntax
Article/Image: https://speaktechenglish.com/keyboard-symbols-for-programmers/

Asking Business Questions
Article: https://speaktechenglish.com/asking-business-questions/

Agile Meetings:

- **Daily Meetings (Scrum, Stand-up, Progress updates)**
- **Sprint Planning**
- **Retrospective**