

Designing Informational Products with Gen AI Tool (Claude.AI)

ESTER NEPOLO – GEN AI FOR WORK & RESEARCH FINAL PROJECT

[HTTPS://ESTERNEPOLO.GITHUB.IO/GRAPH_PORTFOLIO/](https://esternepolo.github.io/graph_portfolio/)

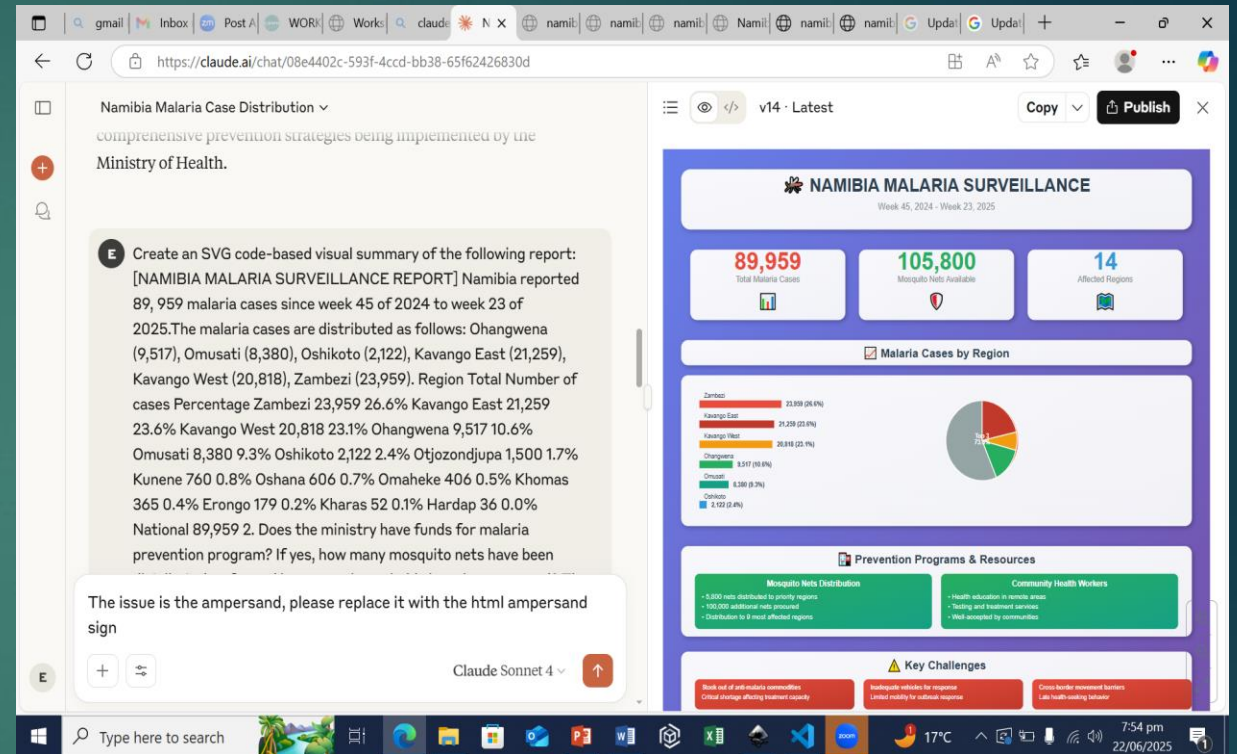
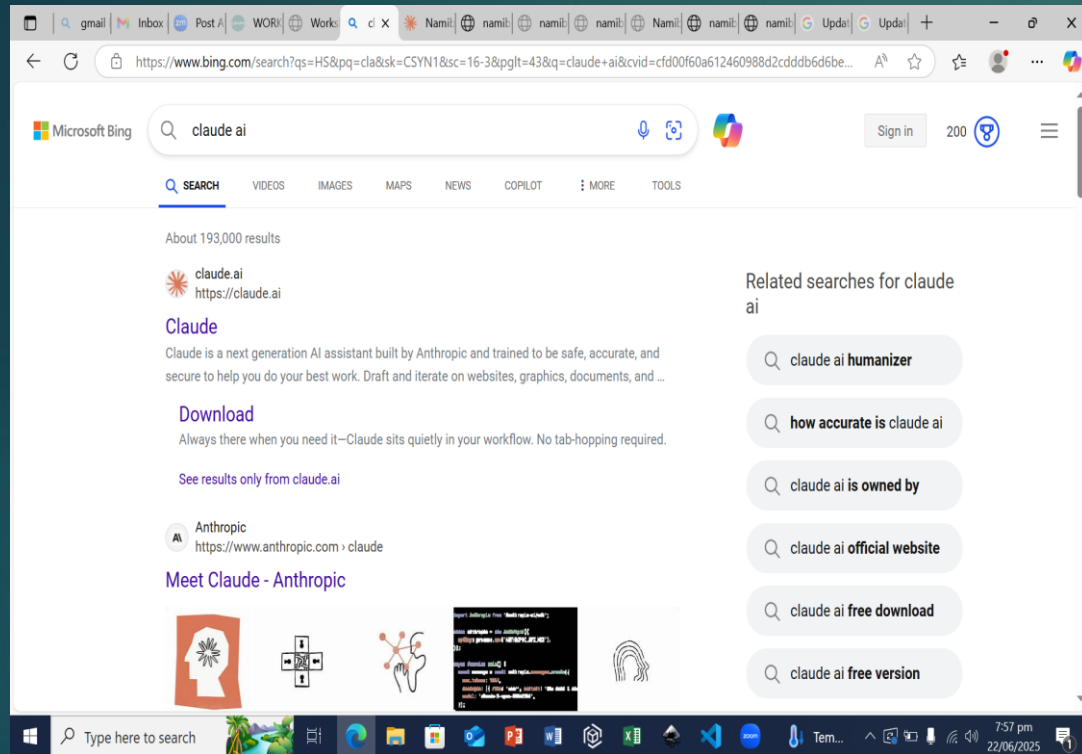
Malaria situation in Namibia

Regular updates are required by the Executive Management and Stakeholders.

Using Claude.ai, I created visual abstract SVG as a pictorial representation of the key information on the Malaria Situation in Namibia.

- Claude has better designs and it gives an easy way to download SVG code.

Interaction with the AI tool



Claude generates the initial design, you can ask it to make specific changes or improvements to refine the visual abstract.

You can make any edits you need to individual elements

- Downloading the SVG to the PowerPoint slide, make edits then export as PDF or screenshot
- Editing SVG with Inkscape then export as a PNG

AI_Generated_Slides (2).pptx - PowerPoint

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NAMIBIA MALARIA SURVEILLANCE
Week 45, 2024 - Week 23, 2025

Total Malaria Cases: **89,959**
Mosquito Nets Available: **105,800**
Affected Regions: **14**

Malaria Cases by Region

Mosquito Nets Distribution
• 5,000 nets distributed to priority regions
• 100,000 additional nets procured
• Distribution to 5 most affected regions

Community Health Workers
• Health education in remote areas
• Training and recruitment services
• Well-accepted by communities

Key Challenges

Prevention Strategies

Ministry of Health and Social Services - Namibia Malaria Control Program

namibia_malaria_svg (1).svg - Inkscape

File Edit View Layer Object Path Text Filters Extensions Help

X: 266.455 Y: 54.678 W: 669.797 H: 34.119 px

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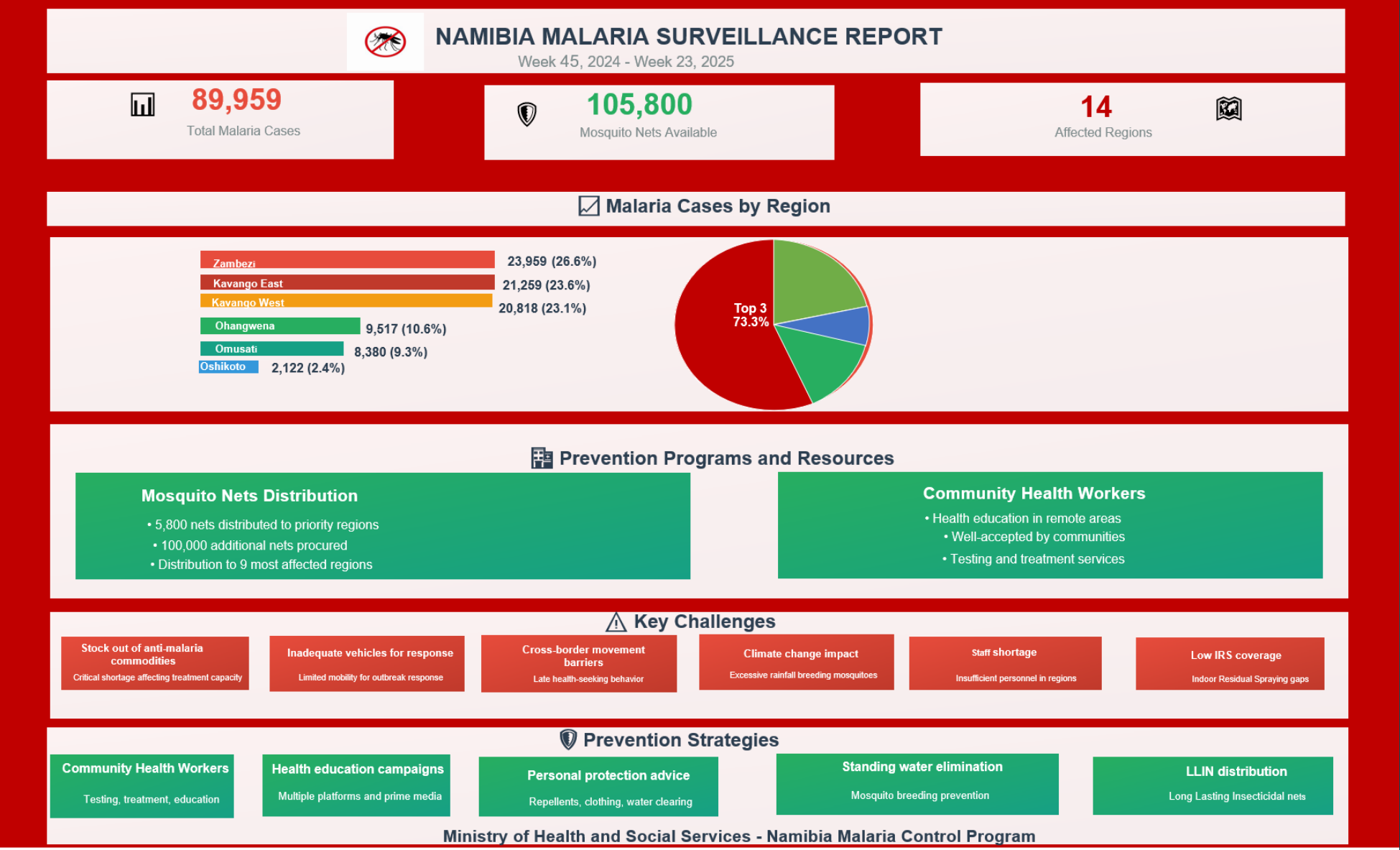
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Final Product



Reflections

- Claude reaches free time limits quickly.
- AI tools require clear prompts/instructions for better outputs.
- Coding experience helps understanding and debugging the errors.
- I struggle to edit the SVGs directly from Claude to the PowerPoint slides, it couldn't ungroup, I could only manage through VS code and Inkscape.
- Inkscape has better SVG editing capabilities compared to PowerPoint, but it only exports PNGs, while PowerPoint offers various options.
- As AI models advance, there is an opportunity for Claude to increase the free time limit.
- Perform even the editing tasks.
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- I plan to use more of the AI Agents I learned for my study and research work.

Thank you!