CLI Applications Research

Introduction

- Welcome and Introduction

- Purpose and Scope of the Research

Typical CLI Application Structure

- Entry Point

- Argument Parsing

- Main Logic

- Error Handling

- Output Results

- Example Libraries: click, argparse, typer

Integration with External Services

- Interacting with APIs

- Example: MidJourney API

- Displaying Images in Terminal

Best Practices for CLI Development

- Clear Error Messages

- Documentation and Help

- Compatibility with Pipelines (pipe)

CLI Applications Research

- Using Colors and Formatting

- Progress Bars for Long Operations

Application Examples

- CLI Task Manager

- Snake Game

Demonstration

- Video or Live Demo

- Example Use Cases

Questions and Answers

Feel free to ask any questions!

Conclusion

- Summary of Key Findings

- Next Steps

- Thank You and Contact Information