

**Artificial Intelligence Project**

# **Voice Activated Desktop Assistant**

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# Purpose

Automated, voice control of small tasks as a step towards complete automation. The agent provides hands-free control for seamless workflow. It increases the efficiency by automating routine tasks.

# Tasks Performed



Display News  
Headings



Search  
Wikipedia



Show  
Weather

# Tasks Performed



Open  
Stackoverflow



Use  
Google



Use  
Youtube

# Tasks Performed



Restart  
System



Take  
Screenshot



Play  
Music

# Libraries

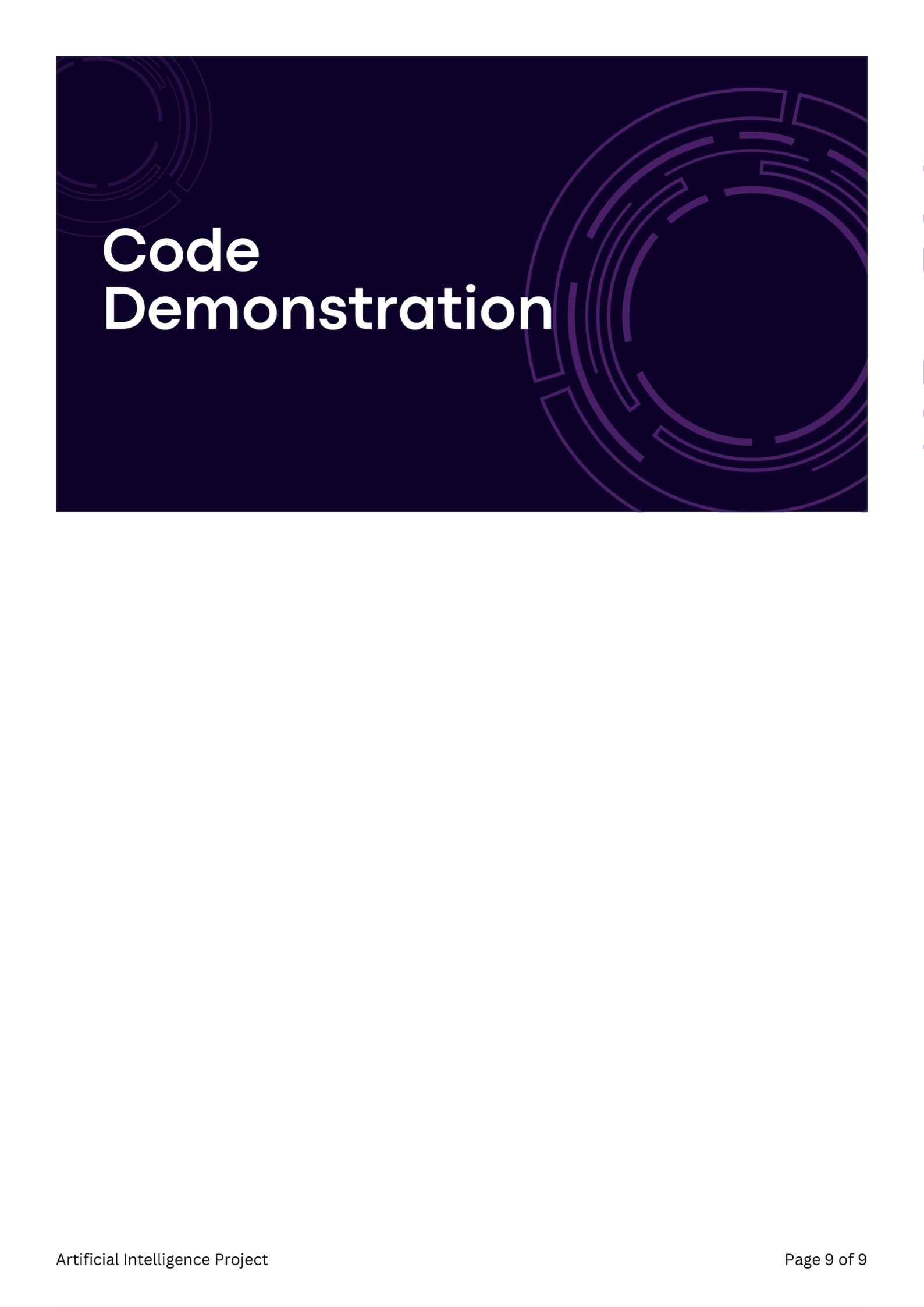
pyttsx	Text-to-speech conversion
requests	send HTTP requests
speech_recognition	access to several speech recognition APIs
datetime	getting the current date and time
wikipedia	Wikipedia API to retrieve data

# Libraries

webbrowser	display web-based documents and open URLs
os	to communicate with the system
feedparser	parses RSS and Atom feeds in Python
random	for generating and manipulating random integers
pywhatkit	WhatsApp web application

# Resources Used

- ➡ AI Jarvis Desktop Voice Assistant | Python for Beginners:
  - <https://www.youtube.com/watch?v=Lp9Ftuq2sVI>
- ➡ ChatGPT
- ➡ Stackoverflow



# Code Demonstration