



TOPICS IN **SMART** CITY Fundamental and Applications

Intelligent Robotic

- Delivery Robot
- Disinfection Robot
- Cleaning Robot
- Customized
- Sales and Marketing
- Maintenance and Support
- Technology transfer/Training
- Partnership

Geospatial (GIS)

- Technology R&D and Application
- Dashboard/Platform Development
- Database/Big Data and Integration
- Experience Gallery/Command Center



STEM Education (STREAMLAB 4.0)

- Robotic Arm (Dobot)
- Humanoid (LEJU Aelos)
- 3D Printing & 3D Modelling Software
- Augmented Reality (AR)
- Laser Engraving
- DIY Mini Projects
- Computer Vision (AI)
- Automation
- Programming (Java,Phyton,ROS,Block)
- Hardware (Arduino, Raspberry, ESP32..)
- Training and Sharing Knowledge

Urban Farming

- Hydroponic system
- Monitoring system
- AI and IoT Development
- Sales and Marketing

Smart City

- Event showcase
- Partneship/Consortium collaboration
- Product Talk/Technology sharing/Consultancy
- Grant,Tender and paperwork
- Course/Knowledge gathering

Research and Development

- R&D matching grants
- AI, Robotic, IoT and Smart City components
- Collaboration and partnership
- Technology/Service provider

Training and Consultancy

- Industrial panel jury (Expo/FYP/Competition)
- Digital-Entrepreneurship
- Internship programme/Talent Development
- University-Industry visit
- Corporate Sosial Responsibilites (CSR)
- Environmental, Social, and Governance (ESG)
- Knowledge Sharing/Consultancy

SHARING is CARING



I D E A
GENERATOR

CTSB	Name	Topic
JB	Ts. Yusuf	Claude VS Claude Code VS Claude Cowork
KL	Faizul	7 Basics Every Consultant Should Know About AI

AI

ARTIFICIAL INTELLIGENCE

Claude comes in three forms: Claude AI, Claude Code, and Claude Cowork. Claude AI is a general conversational assistant for writing, research, and ideas. Claude Code is a terminal-based autonomous coding agent for building and debugging software. Claude Cowork automates file management and repetitive cross-app tasks for non-developers.

Claude vs Claude Code vs Cowork

Learn about the frontier with their use cases



Claude AI

What it is:

A conversational AI assistant
Designed for everyday thinking, writing & analysis.

Where To Use

- Draft emails, essays, reports and long-form content
- Brainstorm and explore ideas conversationally
- Research, summarize and explain complex topics

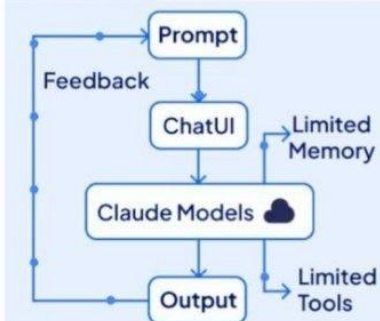
Pros

- Zero setup needed
- Versatile & general

Cons

- No system access
- Manual follow-up

Workflow



Claude Code

What it is:

A command-line tool that runs Claude as an autonomous coding agent directly in your terminal.

Where To Use

- Build or debug entire features across multiple files
- Refactor legacy codebases at scale autonomously
- Write and run tests, fixing failures automatically

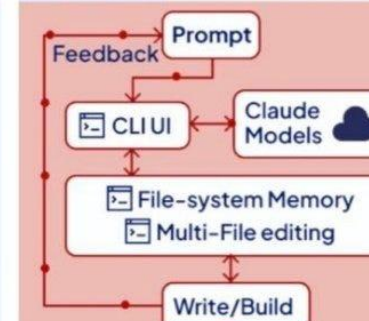
Pros

- Fully autonomous
- Deep codebase context

Cons

- Needs careful review
- Usage costs apply

Workflow



Claude Cowork

What it is:

A desktop application for non-developers that automates file management and repetitive tasks.

Where To Use

- Organize, rename and sort files across folders in bulk
- Extract data from PDFs and fill spreadsheets automatically
- Automate copy-paste workflows bet/ applications

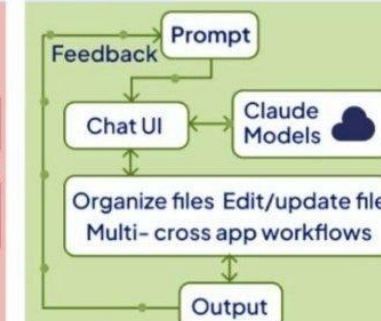
Pros

- No coding needed
- Cross-app workflows

Cons

- Beta / early stage
- Less control/config

Workflow



AI ARTIFICIAL INTELLIGENCE

Consultants should use AI for seven core tasks: drafting first versions, structuring notes into clear outputs, summarizing large information into insights, refining language and logic, generating ideas and options, pressure-testing assumptions and risks, and leveraging AI to streamline repetitive work. Effective prompting helps transform raw thoughts into organized deliverables quickly.

7 Basics Every Consultant Should Know About AI

1. Drafting

Get past "blank page syndrome" without replacing your thinking.

Use it for:

- First drafts of client emails
- Proposal outlines
- Slide structures
- Executive summaries

Prompt template:
"Draft a first version of a [document type] for [audience] about [topic]. Keep it concise, structured, and practical."

2. Structuring

Turn notes and ideas into clear outputs.

Use it for:

- Turning notes into slide outlines
- Creating meeting agendas
- Building simple frameworks
- Structuring reports

Prompt template:
"Organize these notes into a clear structure with logical sections and bullet points: [paste text]."

3. Summarizing

Condense large amounts of data into key insights.

Use it for:

- Meeting notes
- Research documents
- Workshop outputs
- Client materials

Prompt template:
"Summarize this into 5 key insights with short headings and practical implications: [paste text]."

4. Refining

Improve the clarity and flow in your language.

Use it for:

- Tightening slide copy
- Clarifying arguments
- Improving logical flow
- Simplifying complex language

Prompt template:
"Rewrite this to improve clarity and structure. Remove vague language and tighten the reasoning: [paste text]."

5. Ideation

Create alternative approaches before applying your judgment.

Use it for:

- Brainstorming solutions
- Generating hypotheses
- Naming initiatives
- Creating workshop questions

Prompt template:
"Generate 10 strategic options for [problem]. Group them into themes and keep them practical."

6. Pressure-Testing

Stress-test your thinking before it reaches a client.

Use it for:

- Identifying weak assumptions
- Highlighting blind spots
- Finding logical gaps
- Evaluating risks

Prompt template:
"Act as a critical partner. What are the weaknesses, risks, or assumptions in this argument? Where could this fail?"

7. Leverage

Shorten the distance between idea and output.

Use it for:

- Reducing time spent on repetitive drafting
- Accelerating preparation
- Freeing up time for strategic work

Prompt template:
"I want to reduce time spent on [task]. Suggest a streamlined process while maintaining quality."



CYBER ROBOTICS

