V1: Copilots/Assistants

Models	Content

V2: Agents

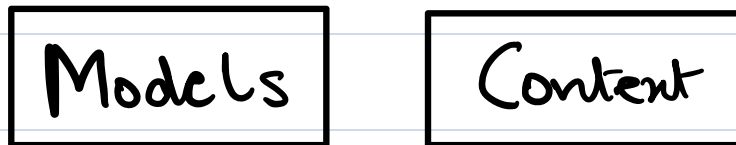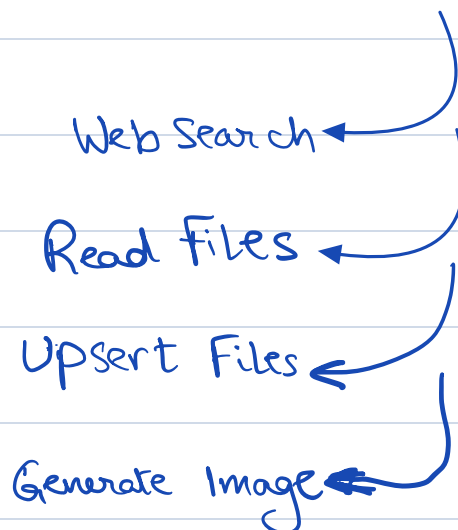| Models	Content	Tools

- Web Search
- Read Files
- Upsert Files
- Generate Image

These tools READ/WRITE data FROM/TO specific sources
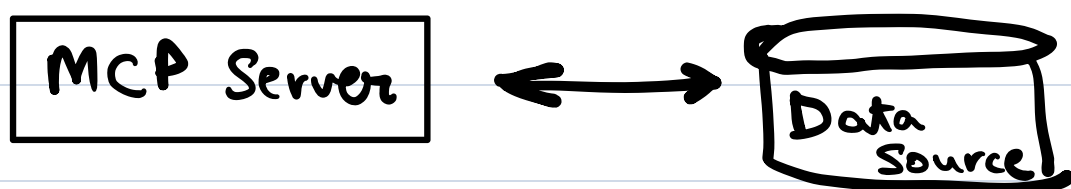
Data Sources

Examples:

- Databases
- Google Drive
- Slack Channels
- File System
- Internet Search
- Github

MCP

is a standard for giving Agents a way of communicating with External Data Sources
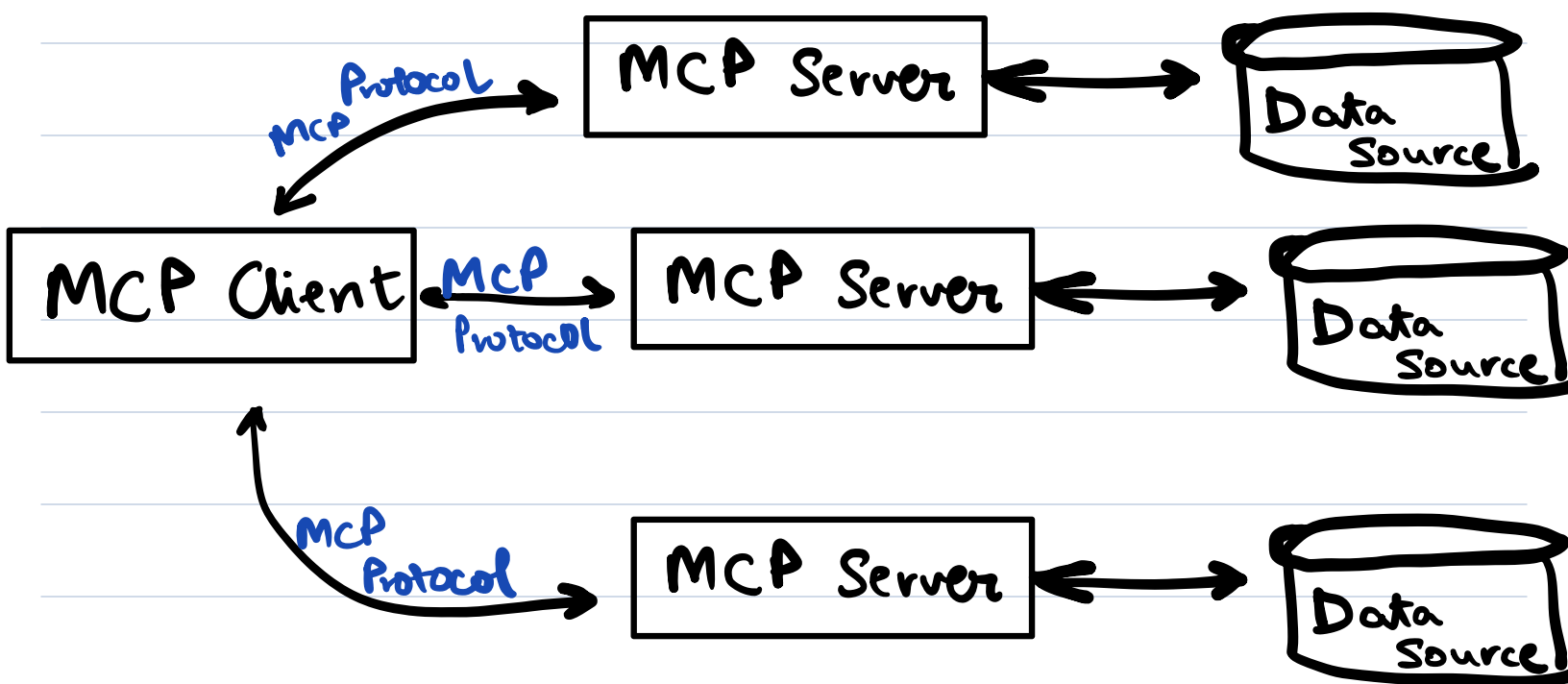
MCP Server

are scripts/processes that manage the data-interaction to/from the External Data Sources

```
┌─────────────┐         ⎛ Data   ⎞
│ MCP Server  │ ◄─────► │ Source │
└─────────────┘         ⎝        ⎠
```

MCP Client

is where the Agent lives and interacts with a user

MCP Protocol → MCP Server ⟷ Data Source

MCP Client ← MCP Protocol → MCP Server ⟷ Data Source

MCP Protocol → MCP Server ⟷ Data Source

— Point of MCP is that it does Tool Planning and tool execution for you.

— Many MCP Servers are available (just Google

it)

— One bottleneck is creating your own MCP Client. Some popular MCP clients:

- Claude Desktop
- Cursor
- WindSurf

Official Documentation on Creating your own MCP Client : https://modelcontextprotocol.io/quickstart/client