

The logo consists of two concentric circles. The outer circle is a medium blue, and the inner circle is a darker blue. The text "FINANCE TECH" is in white, uppercase, sans-serif font, positioned above the word "BOOST". The word "BOOST" is in a larger, bold, blue, uppercase, sans-serif font. Two thin white horizontal lines are positioned above and below the text.

FINANCE TECH
BOOST

Inteligência Artificial e Análise de Dados.

Liderando as Finanças do Futuro

Disclaimer

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FINANCE TECH **BOOST**

Automação Inteligente com Agentes de IA em Instituições Financeiras

AGENDA

01

O que são agentes de IA?

02

Padronização de componentes

03

Agentes de IA no setor financeiro

04

Conclusão





O que são agentes de IA?

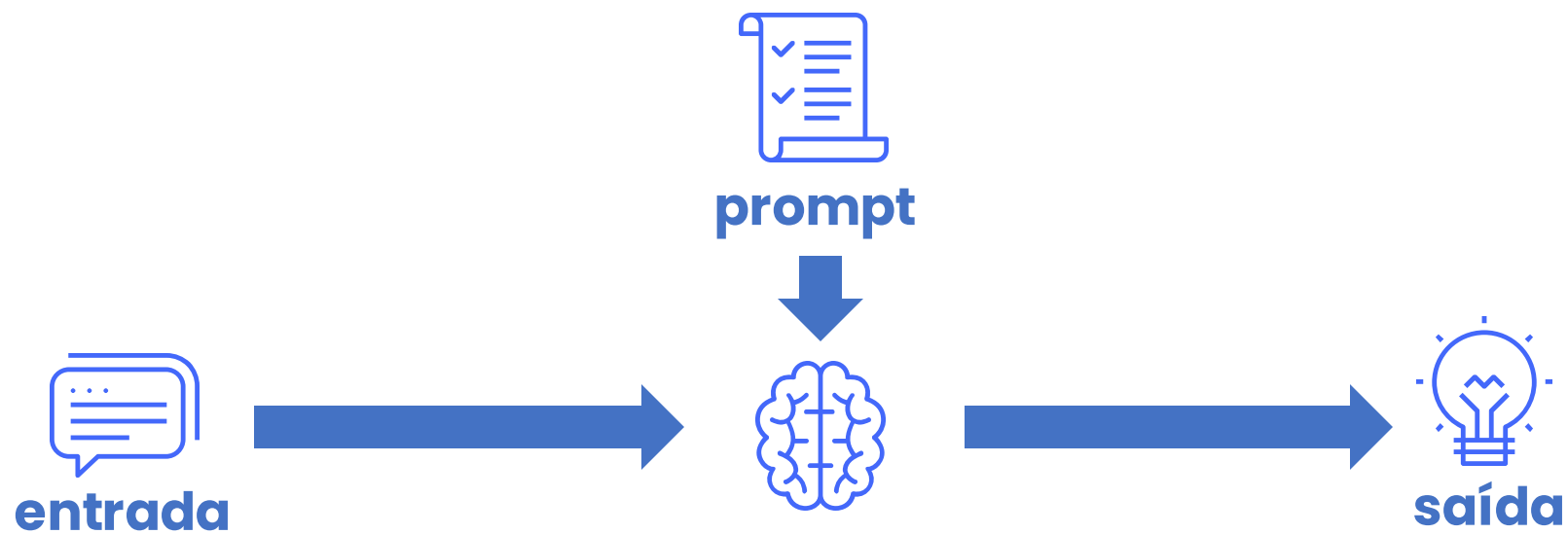
LLM



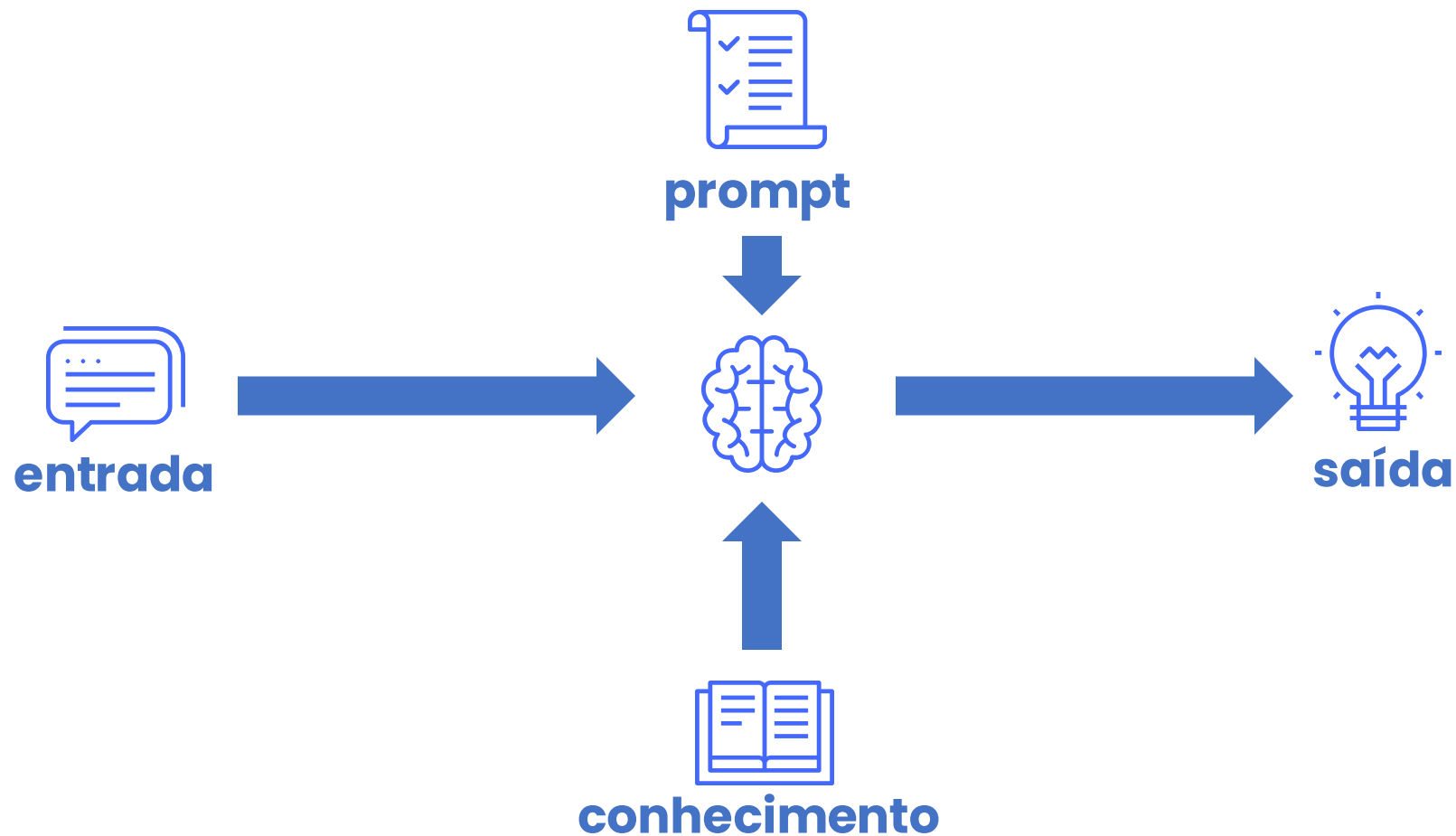
OpenAI

ANTHROPIC

Gemini



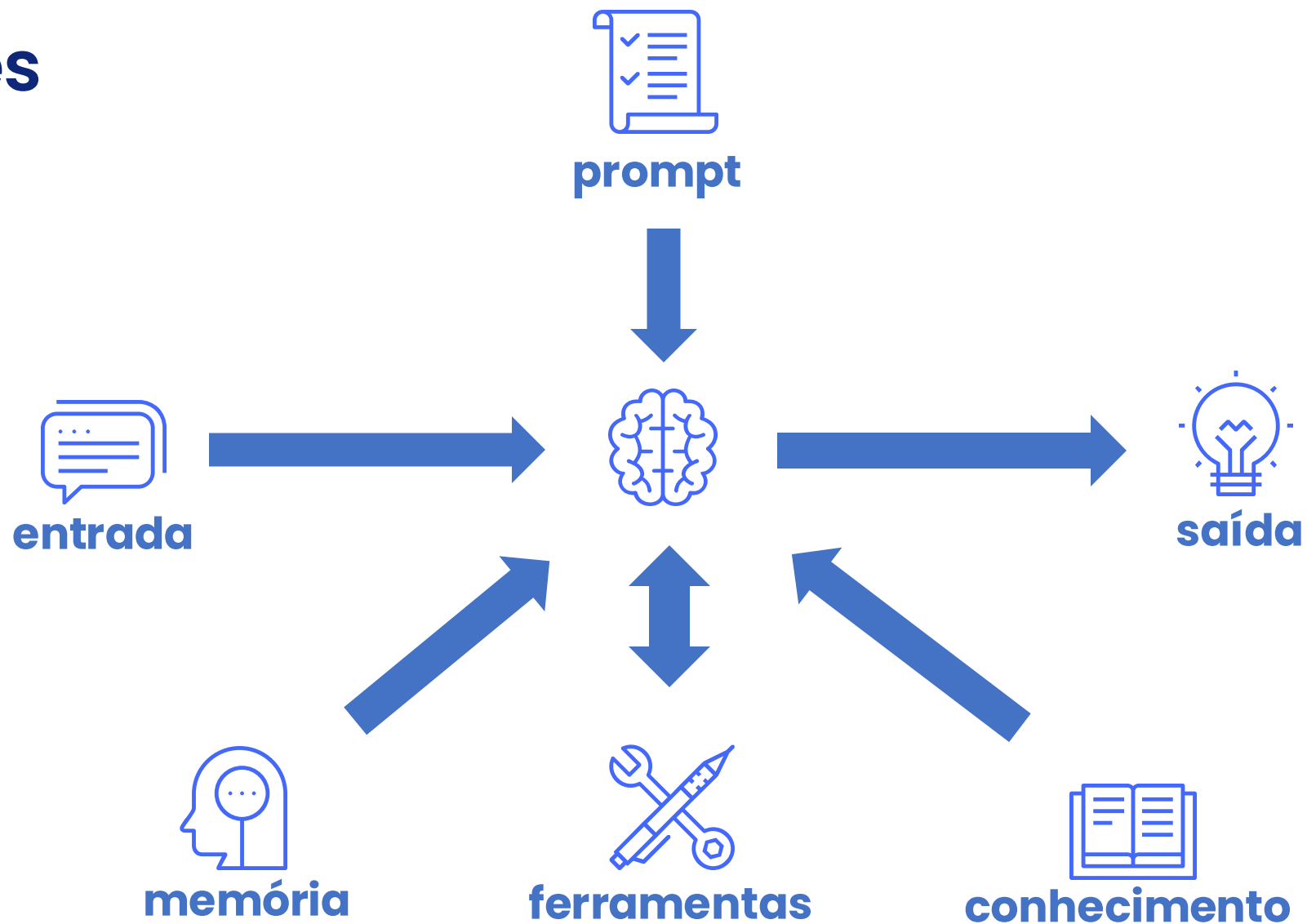
RAG



Workf



Agentes

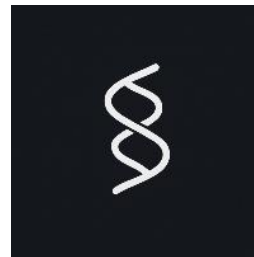


Sistema Agêntico

Workflow	Agente
Estruturado	Dinâmico
Determinístico	Flexível
Simples	Complexo



LangGraph

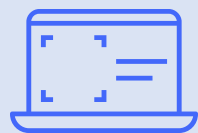




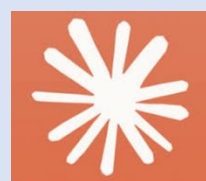
Padrões no mundo de IA

MCP

Host



client



client

Server

Resources



Tools



Prompts



arquivos



banco



serviços

MCP – Prompts

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "method": "prompts/get",
  "params": {
    "name": "code_review",
    "arguments": {
      "code": "def hello():\n    print('world')"
    }
  }
}
```

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "result": {
    "description": "Code review prompt",
    "messages": [
      {
        "role": "user",
        "content": {
          "type": "text",
          "text": "Please review this Python code"
        }
      }
    ]
  }
}
```

MCP – Resources

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "method": "resources/read",
  "params": {
    "uri": "file:///project/src/main.rs"
  }
}
```

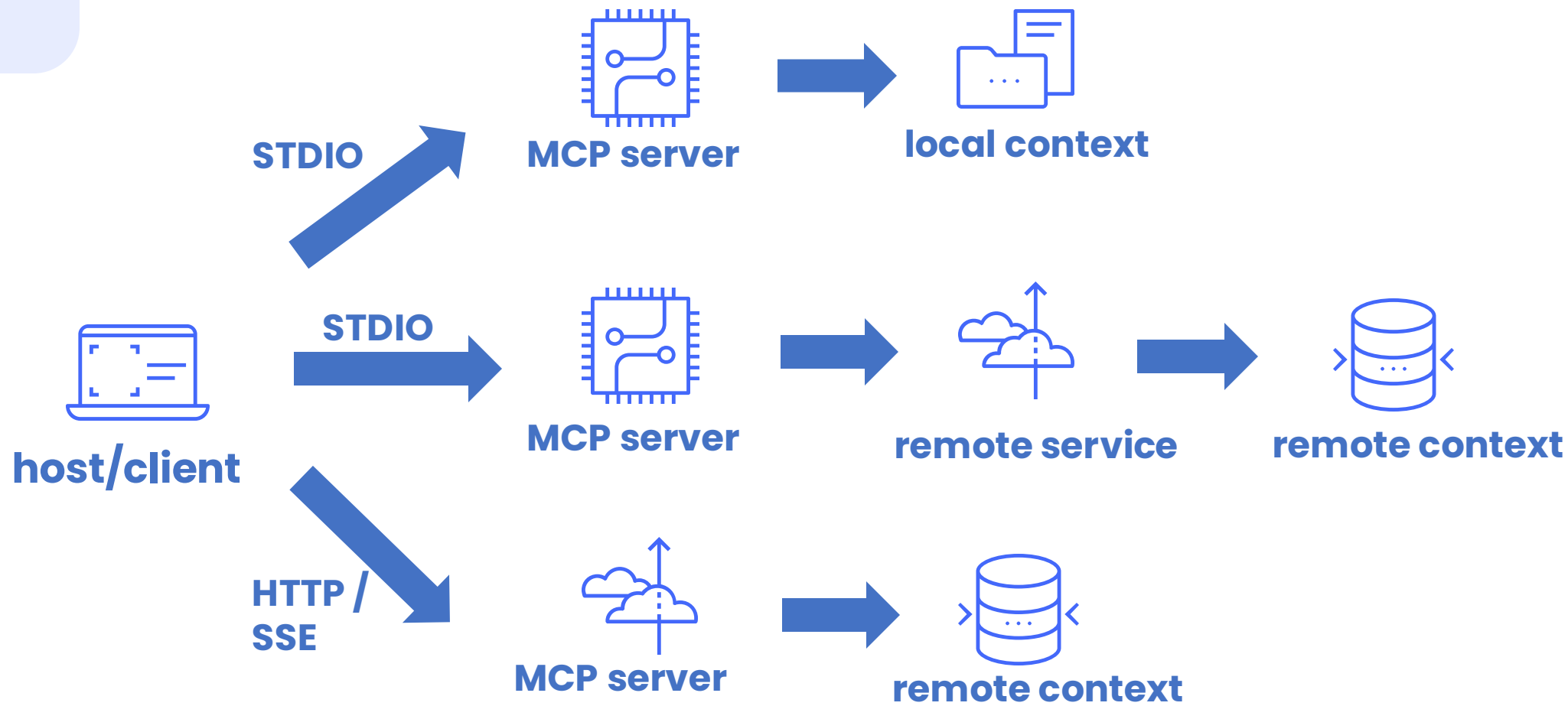
```
{
  "jsonrpc": "2.0",
  "id": 2,
  "result": {
    "contents": [
      {
        "uri": "file:///project/src/main.rs",
        "mimeType": "text/x-rust",
        "text": "fn main() {\n    println!(\"Hello world!\");\n}"
      }
    ]
  }
}
```

MCP – Tools

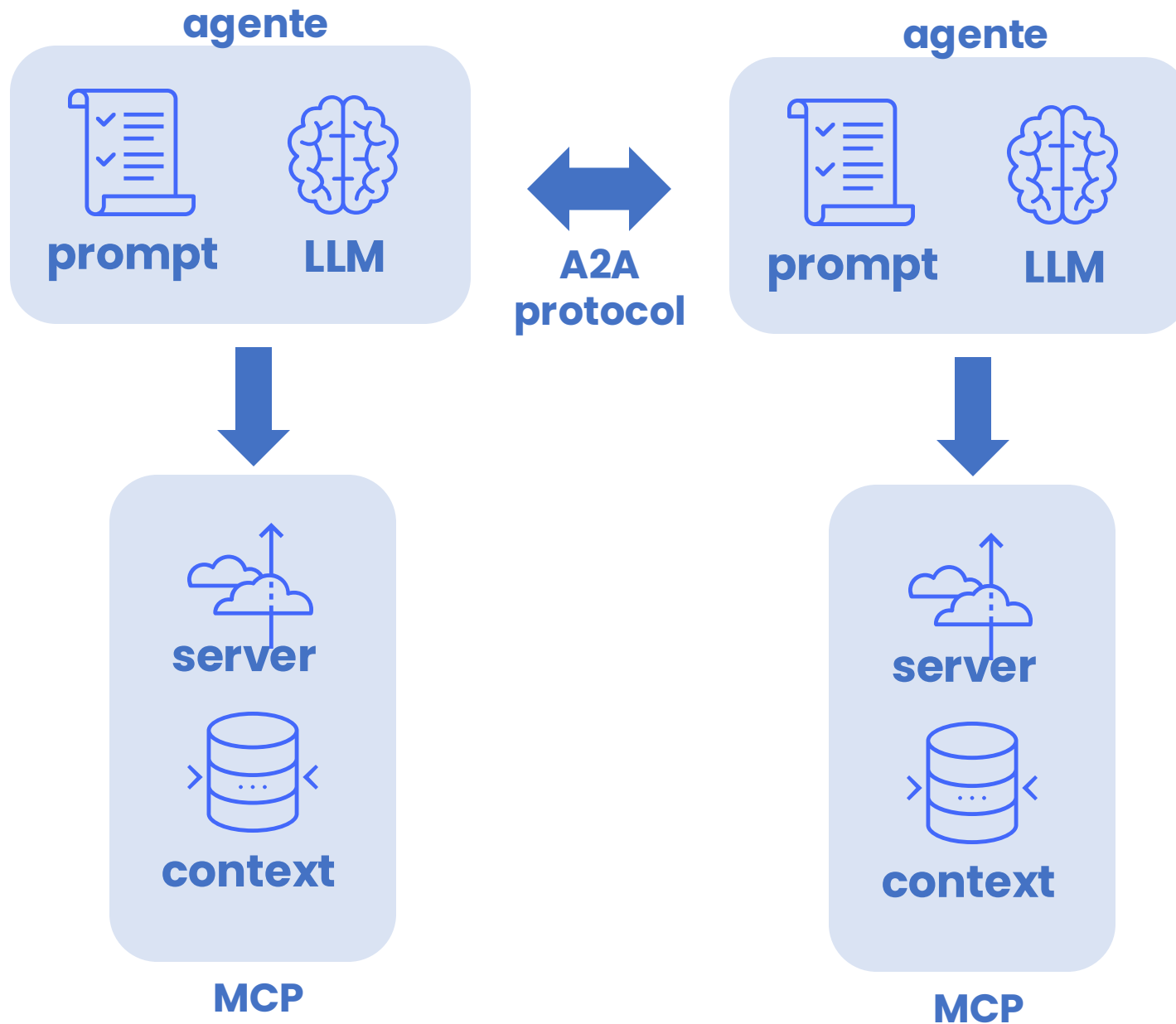
```
{
  "jsonrpc": "2.0",
  "id": 2,
  "method": "tools/call",
  "params": {
    "name": "get_weather",
    "arguments": {
      "location": "New York"
    }
  }
}
```

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "result": {
    "content": [
      {
        "type": "text",
        "text": "Current weather in New York:\nTemperature: 72°F"
      }
    ],
    "isError": false
  }
}
```

MCP



A2A



A2A

A2A Client



Agent
Card



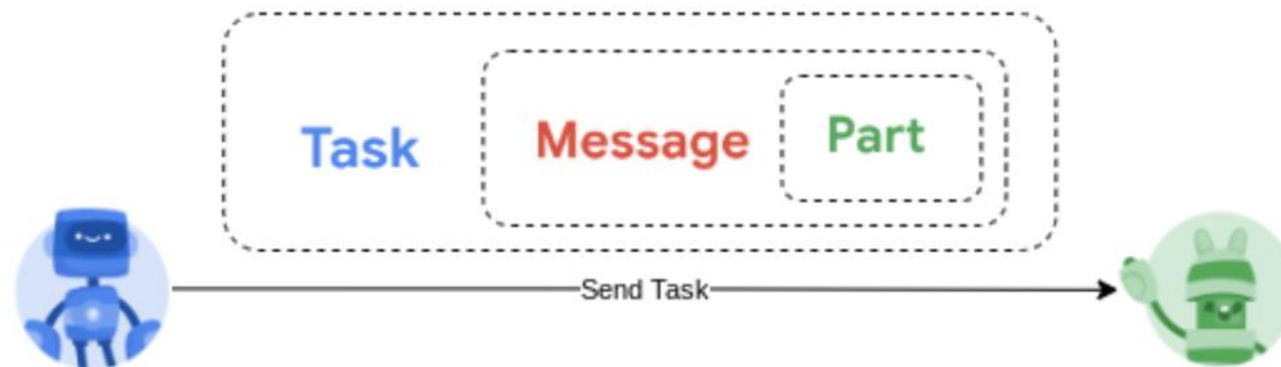
A2A Server



Discovery

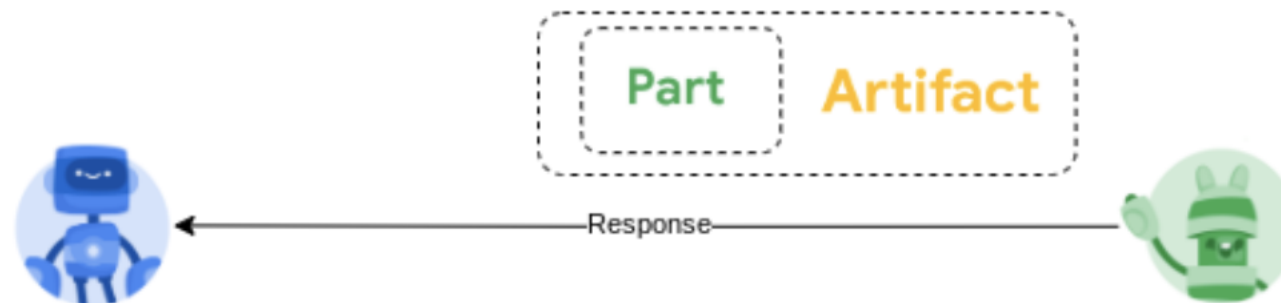
```
{
  "name": "GeoSpatial Route Planner Agent",
  "description": "Provides advanced route planning, traffic analysis",
  "url": "https://georoute-agent.example.com/a2a/v1",
  "version": "1.2.0",
  "skills": [
    {
      "id": "route-optimizer-traffic",
      "name": "Traffic-Aware Route Optimizer",
      "description": "Calculates the optimal driving route between two or more locations.",
      "tags": ["maps", "routing", "navigation", "directions", "traffic"]
    },
    {
      "id": "custom-map-generator",
      "name": "Personalized Map Generator",
      "description": "Creates custom map images or interactive map views.",
      "tags": ["maps", "customization", "visualization", "cartography"]
    }
  ]
}
```

A2A



```
{
  "jsonrpc": "2.0",
  "id": 1,
  "method": "message/send",
  "params": {
    "message": {
      "role": "user",
      "parts": [
        {
          "kind": "text",
          "text": "tell me a joke"
        }
      ]
    },
    "messageId": "9229e770-767c-417b-a0b0-f0741243c589"
  },
  "metadata": {}
}
```

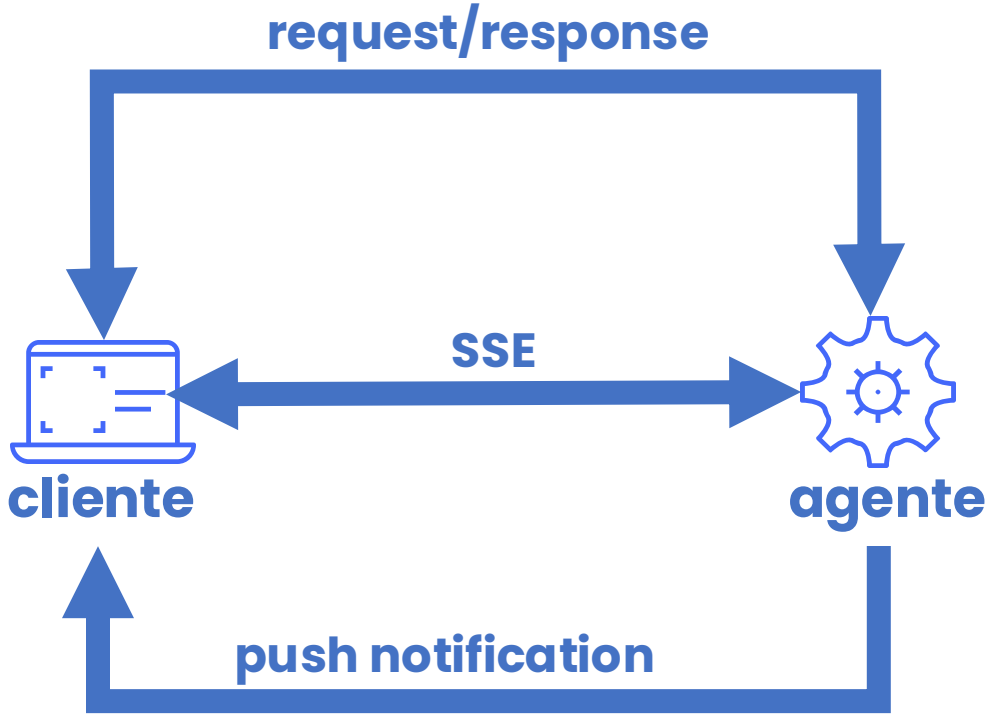
A2A



```
{
  "jsonrpc": "2.0",
  "id": 1,
  "result": {
    "id": "363422be-b0f9-4692-a24d-278670e7c7f1",
    "contextId": "c295ea44-7543-4f78-b524-7a38915ad6e4",
    "status": {
      "state": "completed"
    },
    "artifacts": [
      {
        "artifactId": "9b6934dd-37e3-4eb1-8766-962efaab63a1",
        "name": "joke",
        "parts": [
          {
            "kind": "text",
            "text": "Why did the chicken cross the road? To get to the other side!"
          }
        ]
      }
    ]
  }
},
]
```

```
{
  "history": [
    {
      "role": "user",
      "parts": [
        {
          "kind": "text",
          "text": "tell me a joke"
        }
      ],
      "messageId": "9229e770-767c-417b-a0b0-f0741243c589",
      "taskId": "363422be-b0f9-4692-a24d-278670e7c7f1",
      "contextId": "c295ea44-7543-4f78-b524-7a38915ad6e4"
    }
  ],
  "kind": "task",
  "metadata": {}
}
```

A2A



task

status	descrição
submitted	Tarefa recebida, aguardando início do processamento.
working	Tarefa em processamento ativo pelo agente.
input-required	Aguardando informação adicional do usuário.
completed	Tarefa concluída com sucesso, resultados disponíveis.
canceled	Tarefa foi cancelada.
failed	Tarefa falhou devido a um erro.
rejected	Tarefa rejeitada pelo agente.
auth-required	Aguardando autenticação adicional do usuário.
unknown	Estado da tarefa indeterminado ou não encontrado.



Agentes IA no setor financeiro

Agentes IA no setor financeiro



Atendimento ao cliente

- Chatbot
- Copiloto de atendimento
- Recomendação



Automação de processos

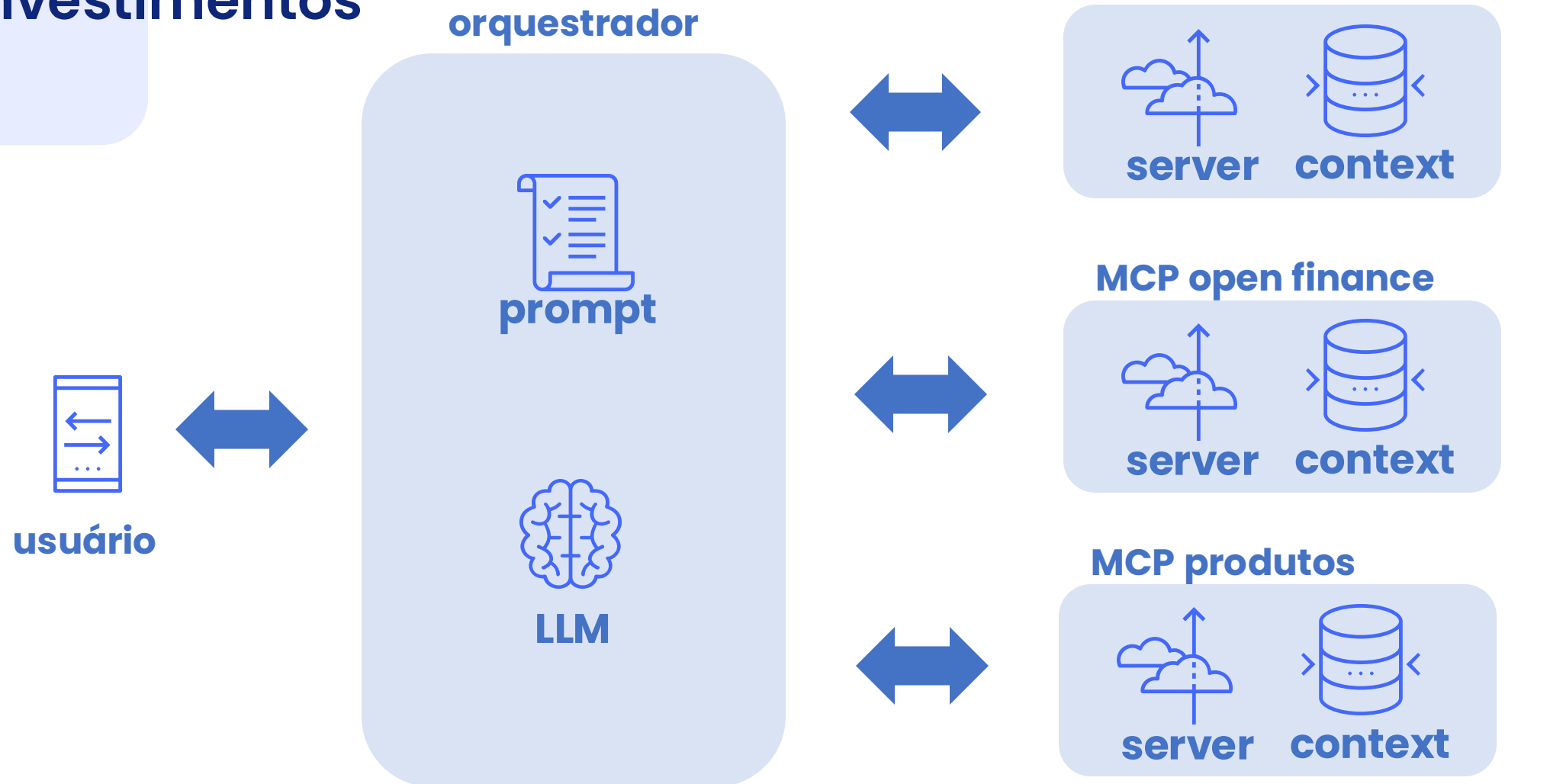
- Abertura de contas
- Concessão de créditos
- Processos jurídicos



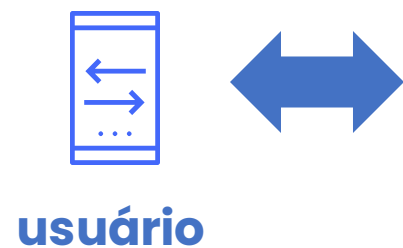
Fraudes

- Análise de risco
- Contestação de compras

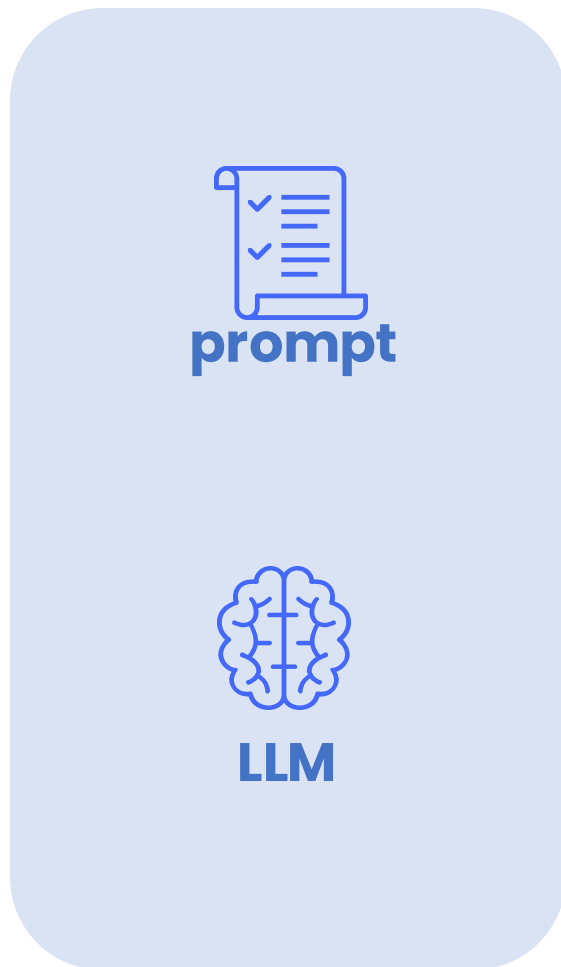
Investimentos



Crédito



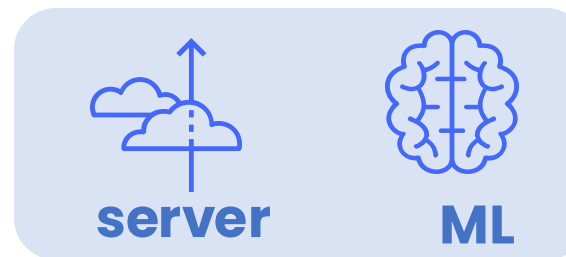
orquestrador



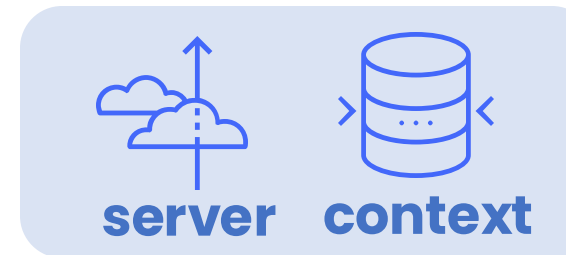
agente risco



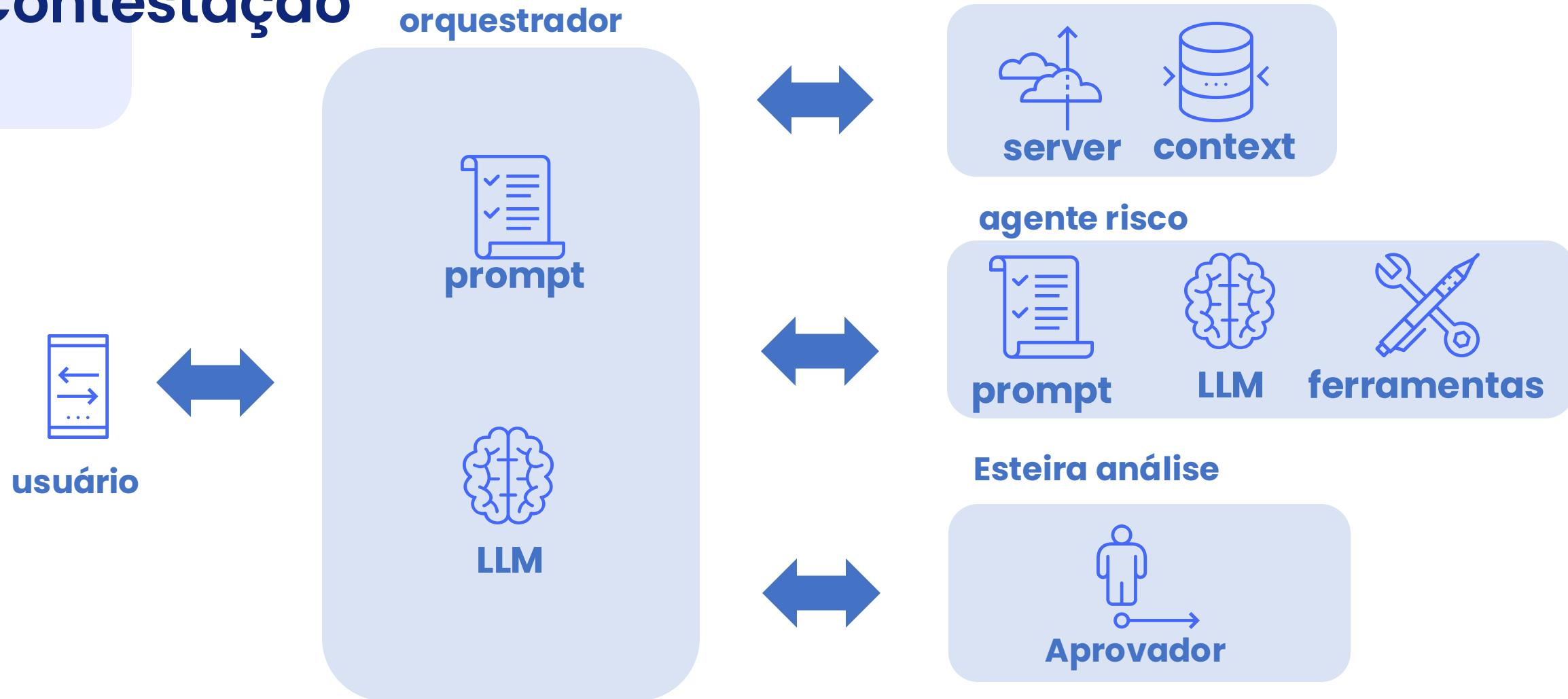
MCP Preditivo



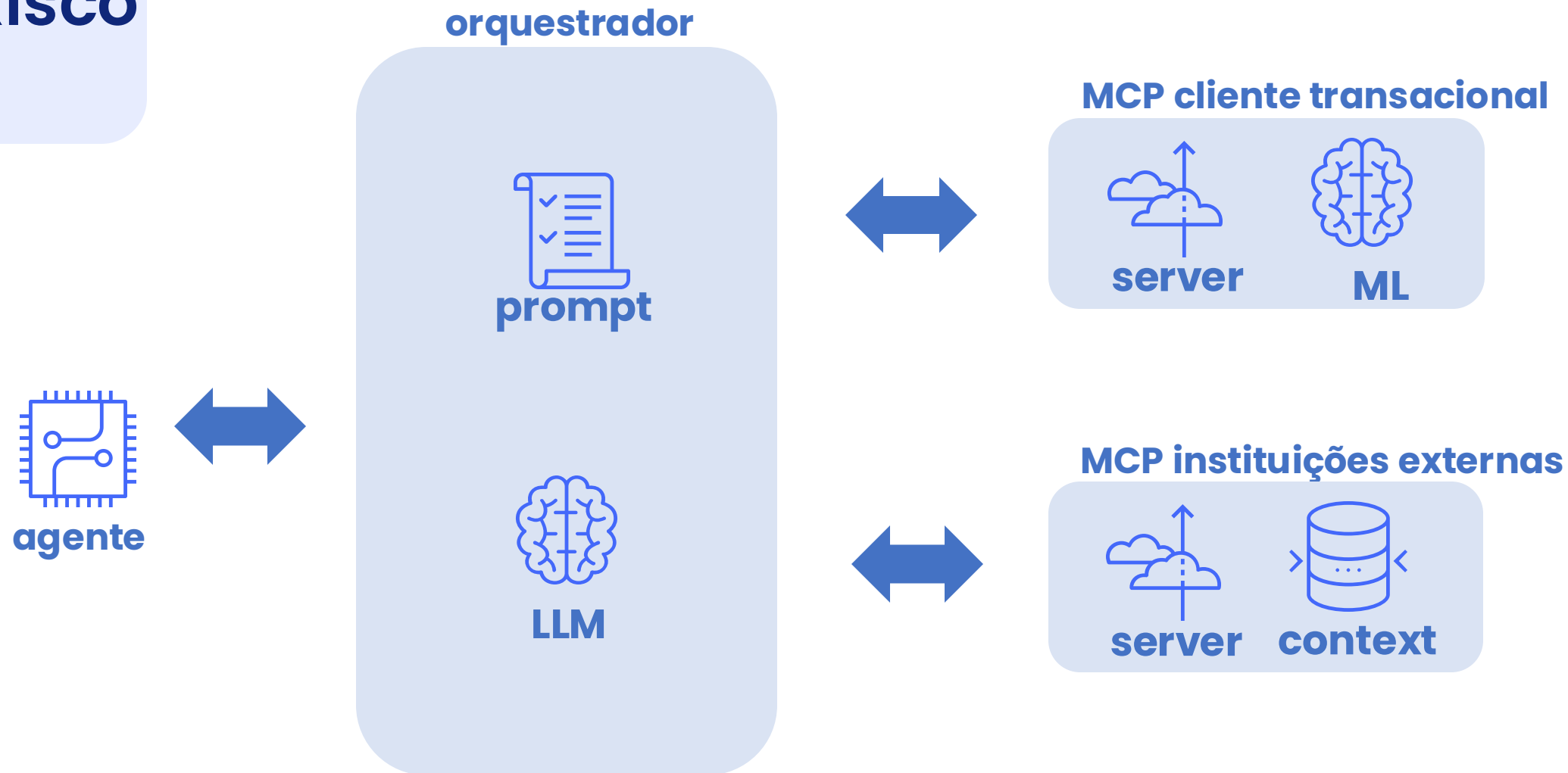
MCP bureau



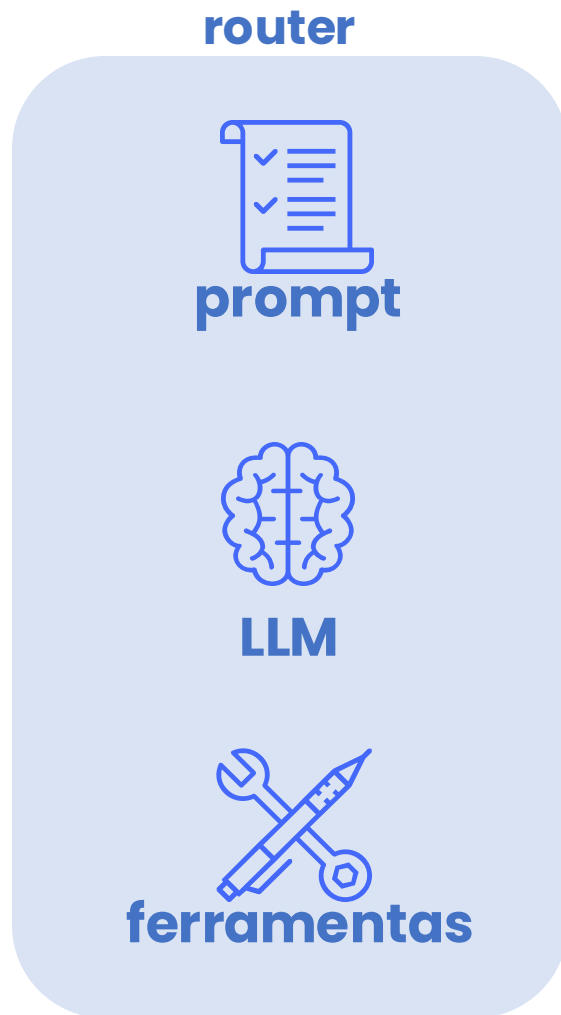
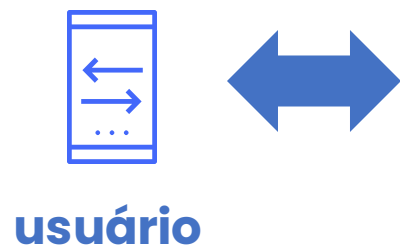
Contestação



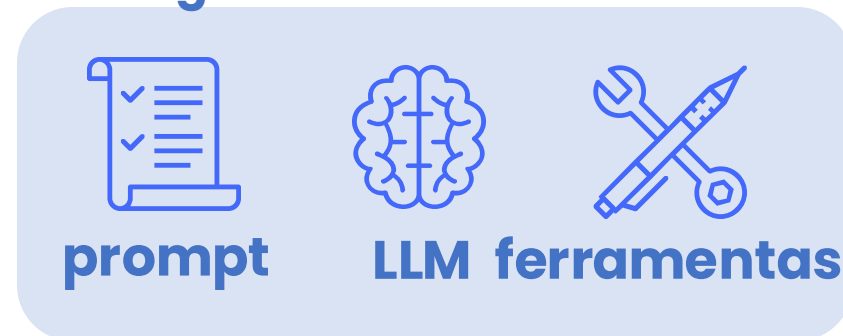
Risco



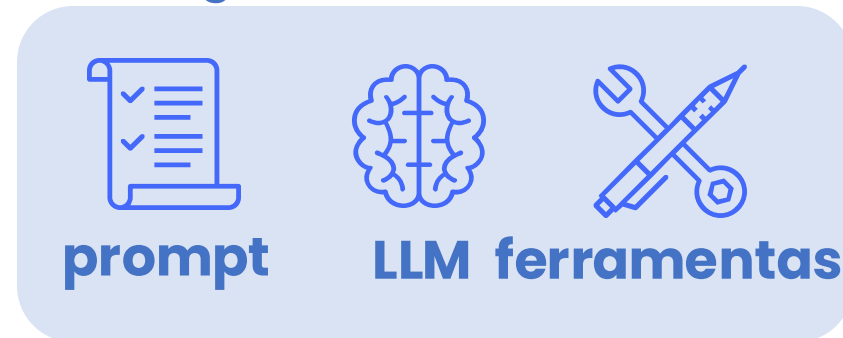
Assistente



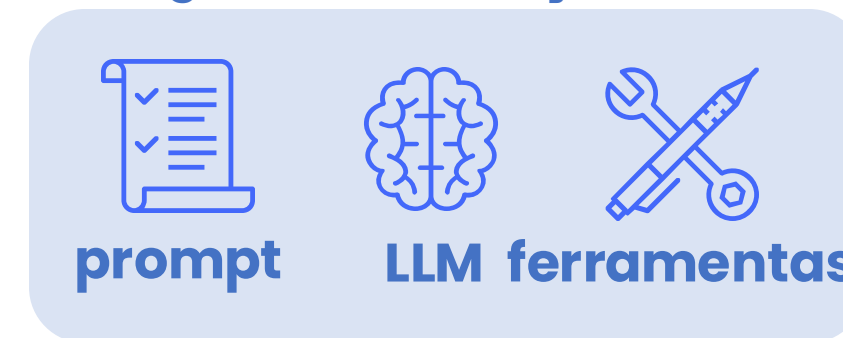
Agente Investimentos



Agente crédito



Agente contestação



Conclusão

-  **Eficiência operacional:**
Automatização de tarefas e processos.
-  **Experiência do cliente:**
Atendimento personalizado e ágil.
-  **Decisões baseadas em dados:**
Insights rápidos para decisões assertivas.
-  **Inovação e competitividade:**
Diferencial no mercado financeiro.



Referências:

- Openai: <https://openai.com/>
- Anthropic: <https://www.anthropic.com/>
- Gemini: <https://gemini.google.com/>
- Llama: <https://www.llama.com/>
- Deepseek: <https://www.deepseek.com/>
- MCP: <https://modelcontextprotocol.io/>
- A2A: <https://google-a2a.github.io/A2A/latest/>
- Langgraph: <https://www.langchain.com/langgraph>
- Crewai: <https://www.crewai.com/>
- Strand Agents: <https://strandsagents.com/>
- Ag2: <https://ag2.ai/>
- ADK: <https://google.github.io/adk-docs/>
- Embabel: <https://github.com/embabel/embabel-agent>

The logo for Finance Tech Boost is centered within a large, dark blue circle. It features the words "FINANCE TECH" in a white, uppercase, sans-serif font, positioned above the word "BOOST" which is in a larger, bold, blue, uppercase, sans-serif font. Two thin white horizontal lines are placed above and below the text.

FINANCE TECH
BOOST

Muito
Obrigado!



Contato



Marcos Wada



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