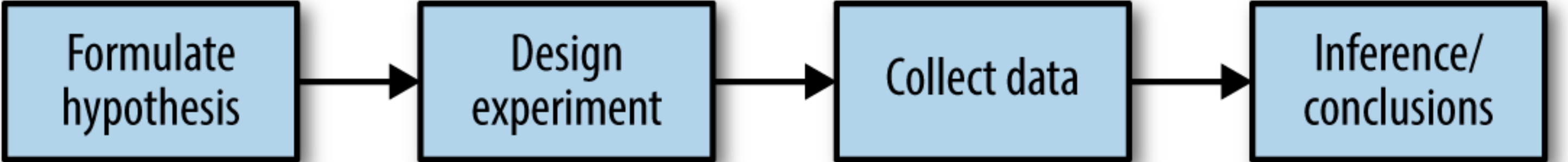


Formulate
hypothesis



```
graph LR; A[Formulate hypothesis] --> B[Design experiment]; B --> C[Collect data]; C --> D[Inference/ conclusions];
```

The diagram illustrates a four-step process for scientific inquiry. It begins with 'Formulate hypothesis', followed by 'Design experiment', then 'Collect data', and finally 'Inference/ conclusions'. Each step is contained within a light blue rectangular box with a black border, and the steps are connected by black arrows pointing from left to right.

Design
experiment

Collect data

Inference/
conclusions