Flow logic

# Flow logic#

n8n allows you to represent complex logic in your workflows.

This section covers:

• Splitting with conditionals

• Merging data

• Looping

• Waiting

• Sub-workflows

• Error handling

• Execution order in multi-branch workflows

## Related sections#

You need some understanding of Data in n8n, including Data structure and Data flow within nodes.

When building your logic, you'll use n8n's Core nodes, including:

• Splitting: IF and Switch.

• Merging: Merge, Compare Datasets, and Code.

• Looping: IF and Loop Over Items.

• Waiting: Wait.

• Creating sub-workflows: Execute Workflow and Execute Workflow Trigger.

• Error handling: Stop And Error and Error Trigger.