

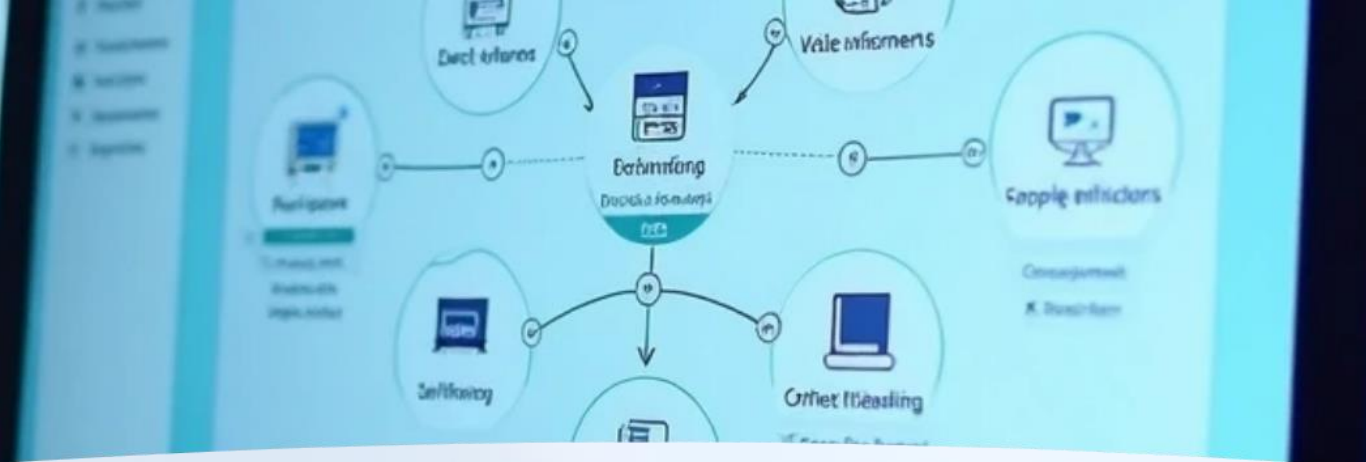
The background of the slide is an abstract, flowing pattern of light blue and white waves, creating a sense of movement and depth. The waves are layered, with some appearing closer and more defined than others, giving it a three-dimensional feel.

Recent Trends in AI & Applications of AI

Part 1: n8n

Introduction to Recent Trends in AI

- Artificial Intelligence (AI) continues to transform industries, offering solutions for automation, decision-making, and data analysis.
- Recent advancements focus on integrating AI with workflow automation tools, reducing manual intervention, and streamlining processes.



n8n – A Game Changer in AI-Driven Automation

- n8n stands for "**node for node**", which refers to its design of connecting different services or nodes together.
- n8n is an open-source workflow automation tool designed to automate tasks, integrate APIs, and streamline processes across multiple applications.
- With a no-code/low-code interface, n8n allows users to build complex workflows without programming expertise.



Understanding n8n

Open-Source Platform

n8n enables automated workflows by connecting various apps.

Wide Range of Integrations Integrations

It supports popular apps like Slack, GitHub, and Google Sheets.

User-Friendly Visual Editor

The drag-and-drop interface makes makes workflow design intuitive for all for all users.

Key Features of n8n Workflow Automation

Visual Workflow Designer

Users can build workflows using a simple visual interface.

Extensive Integrations

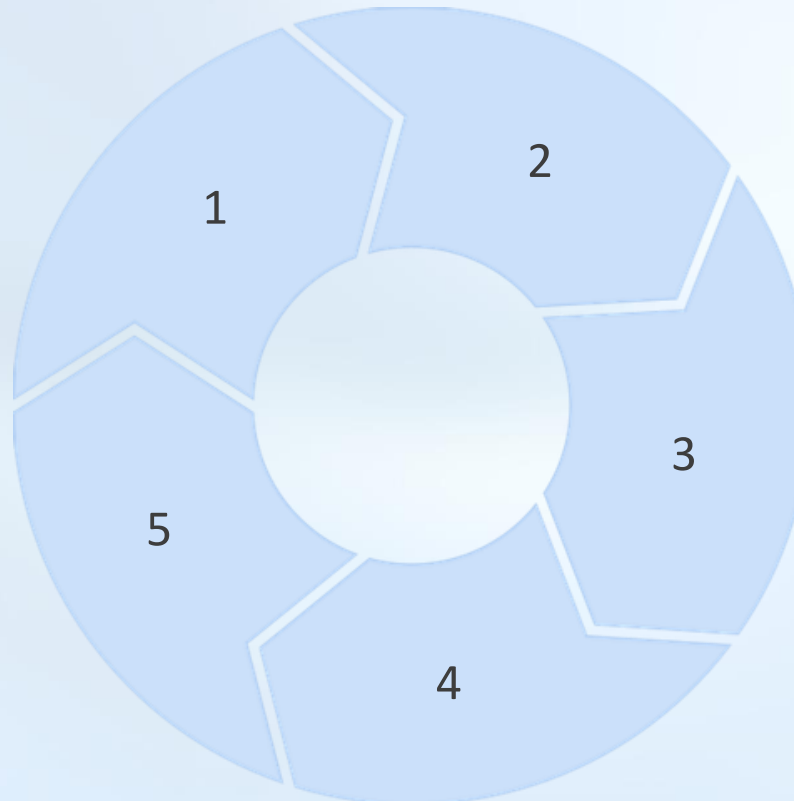
Supports hundreds of apps and services for seamless connections.

Custom Nodes

Create custom nodes for specific integrations to extend functionality.

Self-Hosted or Cloud Options

Choose deployment methods that suit organizational needs.



Trigger and Scheduling Options

Workflows can be triggered by events or run on schedules.



Use Cases

Data Synchronization

Automate the synchronization of data between applications.

Lead Management Management

Automatically manage manage leads through through integration.

Social Media Automation

Schedule and publish posts to enhance presence.

Notifications and Alerts

Set up workflows for important updates.

Reporting and Analytics

Automate report generation from multiple sources.

Automating Repetitive Tasks:

For example, automating the sending of daily reports or syncing data between platforms like Google Sheets and Slack.

Community and Support



Open Source Community

n8n has an active community that contributes to its development and provides support.



Documentation and Tutorials

Comprehensive documentation and tutorials are available for efficient user onboarding.



Regular Updates

The platform frequently receives updates, introducing new features based on feedback.



Community Contributions

Users can contribute to the codebase, promoting a sense of ownership.



Active Social Media Presence

n8n engages users through active social media channels for updates and events.

Getting Started with n8n

Installation

n8n can be installed easily using Docker, as a standalone Node.js application, or through cloud providers.

Join the Community

Engage with the community through forums or social media for valuable insights and support.

Creating Your First Workflow

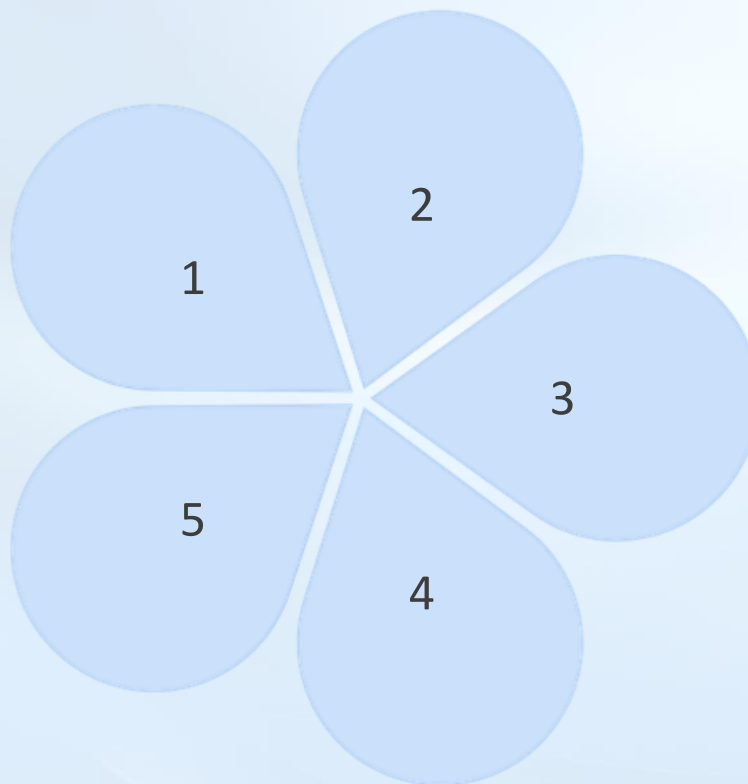
Connect apps and create a simple workflow using the visual editor; tutorials guide you through the basics.

Exploring Integrations

Familiarize yourself with available integrations to leverage the full potential of n8n.

Utilizing Templates

Take advantage of pre-built templates that can be customized to fit specific needs.



Hands-On Example - Automating Restaurant Orders via WhatsApp

- **Trigger:** Customer sends a message on WhatsApp.
- **Action:** Display the menu and capture order.
- **Action:** Save order in the database and send a confirmation.
- **Result:** Customer receives an order confirmation.



Revolutionizing Workflow Automation with n8n

1

Democratizing Integration

n8n allows users to automate tasks without extensive programming knowledge.

2

User-Friendliness and Flexibility

Its balance of ease-of-use and advanced features appeals to various users.

3

Increasing Organizational Efficiency

Leveraging n8n reduces manual workloads, enabling focus on strategic tasks.

4

Community Support and Evolution

Regular updates and community engagement make n8n a reliable solution.