

# Agentic AI - A Comprehensive Overview

## Introduction

Agentic AI ek aisi artificial intelligence hai jo autonomy, decision making aur waqt ke sath seekhne ki wajah se phechani jati hai.

Ye independently kaam karti hai: pehle kaam ko samajhti hai, phir decision leti hai aur goals ko achieve karti hai.

## Features

1. Autonomy: Minimum human oversight ke sath kaam karna.
2. Decision Making: Analyze kar ke sahi action lena aur task ko complete karna.
3. Goal-Oriented Behavior: Complex tasks ko manageable steps me todna aur pursue karna.
4. Learning: Apne interactions aur feedback se seekhna aur waqt ke sath apna performance improve karna.

## Applications

1. Customer Support: Customer inquiries handle karna aur personalized support dena.
2. Software Development: Tasks automate karna, code generate karna aur debugging me madad karna.
3. Cybersecurity: Security threats detect karna aur vulnerabilities identify karna.
4. Healthcare: Diagnosis, treatment planning aur patient monitoring me madad karna.

## Languages

1. Python: AI aur ML development ke liye sabse zyada use hone wali language. Popular libraries: TensorFlow, PyTorch, Hugging Face, Numpy, Pandas.
2. JavaScript: Web-based AI applications ke liye use hoti hai. Popular libraries: TensorFlow.js,

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Brain.js.

## Cloud Platforms

1. Google AI Platform
2. Microsoft Azure AI
3. Amazon SageMaker