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Dust Training

2 days (14 hours)

Overview

Dust is an agent-based artificial intelligence platform that connects knowledge, tools, and teams to create useful, secure AI agents tailored to business processes.

This Dust training course will enable you to design assistants capable of leveraging your organization's context, querying knowledge sources, and generating reliable responses to streamline daily operations.

You'll learn how to configure custom agents, write robust instructions, select the appropriate models, and connect the data and tools needed for each use case.

The training also covers structuring collaborative spaces, managing Pods, automation via triggers, and integrating human oversight into agent-driven workflows.

By the end of the training, you'll be able to deploy relevant agents, define their permissions, evaluate the quality of their results, and track their adoption using the governance and analytics mechanisms available in Dust.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Understand the components and uses of the Dust platform
- Design an AI agent tailored to a documented business need

- Configure an agent's instructions, knowledge sources, and tools
- Organize human-agent collaboration within Pods
- Set up automations with appropriate triggers and controls
- Evaluate the quality, permissions, and adoption of deployed agents

Target Audience

- AI Project Manager
- Product Owner
- Innovation Manager
- AI Consultant
- Business Manager

Prerequisites

- Knowledge of the principles of generative AI
- Experience formalizing business processes
- Ability to write structured instructions in natural language
- Basic understanding of data access rights management

Technical Prerequisites

- Active Dust account with access to a training workspace
- Sufficient permissions to create and configure agents, Pods, and triggers
- Access to the data sources and documents used during the workshops
- Access to the connectors and external tools required for the hands-on exercises
- Ability to test permissions and access rights on connected resources
- Datasets, demo accounts, and resources needed for the exercises, provided in advance or by the instructor

Our Dust Training Program

[Day 1 - Morning]

Introduction to Dust and defining use cases

- Dust's position within the generative AI and agent-based AI ecosystem
- Essential terminology: workspaces, agents, models, data sources, tools, and permissions
- Identifying high-value use cases: internal assistance, document research, synthesis, support, and operations
- Analyzing a business process: objectives, users, data used, expected actions, and risks

- Principles of agent quality: clear scope, reliable context, verifiable results, and human oversight
- Hands-on workshop: mapping a business use case and defining the specifications for an initial Dust agent

[Day 1 - Afternoon]

Designing Custom Agents

- Getting started with the interface and the process of creating a custom agent
- Selecting a template based on complexity, speed, cost, and the expected type of output
- Writing effective instructions: role, mission, scope, constraints, output format, and rejection criteria
- Adding knowledge: business data, files, documents, and semantic search
- Conversational testing, response analysis, iterating on instructions, and reducing hallucinations
- Hands-on workshop: creating, testing, and improving a document summarization agent based on a business

[Day 2 - Morning]

Connecting tools and organizing collaborative work

- Overview of connectors and tools agents can use to access business context
- Understanding the permissions model: data access, user rights, and the principle of least privilege
- Organizing Pods: members, conversations, files, tasks, and shared workspace
- Designing human-agent workflows: validation, escalation, traceability, and accountability
- Best practices for knowledge preparation: document quality, structuring, timeliness, and single source of truth
- Hands-on workshop: Configuring a collaborative Pod with its resources and a support agent for a business team

[Day 2 - Afternoon]

Automating, governing, and deploying agents

- Introduction to triggers: events, scheduling, and automating interactions with agents
- Designing robust automations: execution guidelines, exception handling, and notifications
- Evaluating an agent: test suites, accuracy, relevance, completeness, security, and user satisfaction
- Monitoring adoption through workspace analytics: activity, agent usage, and utilization of tools

- Deployment strategy: pilot, documentation, governance, continuous improvement, and value measurement
- Hands-on workshop: finalizing an operational agent, defining its trigger, and building its deployment evaluation grid

Target Audience

This training is intended for both individuals and companies—large or small—that wish to train their teams in a new advanced IT technology or to acquire specific business knowledge or modern methods.

Assessment at the Start of Training

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency level across various types of technologies, as well as their expectations and personal goals for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Hands-On Training: 60% Practical, 40% Theoretical. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the instructor—supported by examples and reflection sessions—and group work.

Assessment

At the end of the session, a multiple-choice quiz is administered to verify that participants have successfully acquired the skills.

Certification

A certificate will be issued to each trainee who has completed the entire training program.