# Developing your Analytical Thinking Skills Training

Duration: **3 Day**

BILGINÇ IT Academy
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## Overview

This **three-hour interactive workshop** builds upon the fundamentals of analytical thinking, focusing on advanced, data-driven frameworks and real-world collaboration strategies for complex problem solving.

Participants will research and evaluate analytical methods, identifying tools that best fit their specific organizational context.
Through applied exercises and case studies, learners will explore challenges like**data bias**, **cross-team alignment**,
and avoiding **analysis paralysis**, developing both precision and agility in their decision-making.

## Prerequisites

Participants should have:

- Basic knowledge of analytical thinking principles,
- Some experience using data in professional decision-making,
- A genuine interest in advancing their analytical and collaborative skills.

## Who Should Attend

Designed for professionals who already possess foundational analytical skills and want to:

- Strengthen their capability in **data-heavy, cross-functional** problem solving,
- Manage **large-scale projects** or **strategic planning** processes,
- Enhance their analytical influence across multiple departments.

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## What You Will Learn

By the end of this workshop, participants will be able to:

- Evaluate and select analytical frameworks suited to their project or organizational needs.
- Detect and mitigate **data bias** for more accurate conclusions.
- Maintain balance between detailed analysis and timely decision-making.
- Apply **collaborative analytical methods** to align stakeholders.
- Create actionable plans to integrate advanced analytical approaches into everyday work.

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## Outline

**Building on Fundamentals**

- Quick recap of analytical principles
- Transitioning into advanced frameworks

**Exploring and Evaluating Tools**

- Research activity: assessing multiple analytical approaches
- Identifying strengths, weaknesses, and ideal contexts
- Selecting the most relevant tools for organizational goals

**Data Interpretation and Bias Management**

- Working with complex datasets
- Detecting and minimizing bias in data analysis
- Balancing qualitative and quantitative perspectives

**Collaborative Analytical Approaches**

- Addressing cross-departmental challenges
- Building shared understanding among stakeholders
- Case study: applying frameworks in group settings

**Avoiding Analysis Paralysis**

- Recognizing when analysis becomes counterproductive
- Maintaining momentum and decision-making flow
- Practical prioritization techniques

**Action Planning and Application**

- Case-based exercises and scenario reflections
- Peer feedback and next-step planning