

PROJECT ANALYSIS REPORT

Test Project

Project ID:	test-123
Method:	CPM
Time Unit:	days
Export Date:	February 04, 2026 at 15:31:16
Created:	February 04, 2026

TABLE OF CONTENTS

- 1. Problem Definition
 - 1.1 Project Overview
 - 1.2 Activities
 - 1.3 Analysis Objectives
- 2. Solution Analysis
 - 2.1 Project Summary
 - 2.2 Critical Path
 - 2.3 Activity Schedule
 - 2.4 Statistical Analysis
 - 2.5 Crashing Analysis (if available)

1. PROBLEM DEFINITION

1.1 Project Overview

This project analysis uses the **CPM** method to schedule and optimize project activities. The analysis determines the critical path, calculates activity slack times, and provides insights for project management decisions. Time measurements are in **days**.

1.2 Project Activities

ID	Name	Predecessors	Duration	Cost	Crash Time	Crash Cost
A	Task A	-	5.0	\$1000	3.0	\$1500

1.3 Analysis Objectives

- Determine project completion time
- Identify critical path

2. SOLUTION ANALYSIS

2.1 Project Summary

Metric	Value
Project Duration	10.00 days
Total Activities	1
Critical Activities	1
Critical Path Length	2

2.2 Critical Path

A → B

2.3 Activity Schedule

Activity	ES	EF	LS	LF	Slack	Status
A	0.0	5.0	0.0	5.0	0.0	CRITICAL