Intern Seminar
Chapter 1 Title
(Add a Subtitle if Needed)

Your Name

Your Institute / Lab

September 18, 2025

Outline

Motivation

- Brief context of Chapter 1.
- Why this topic matters.
- Key gap you aim to address.

Objectives

1. Objective 1
2. Objective 2
3. Objective 3

Problem Definition

Formal Statement

Given ... find ... such that ...

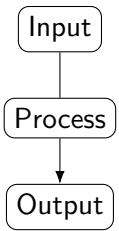
$$\min_{x \in \mathbb{R}^n} f(x) \quad \text{s.t. } g_i(x) \leq 0$$

Challenges

- Complexity
- Data limitations
- Computational cost

Approach Overview

1. Data preprocessing
2. Core algorithm
3. Evaluation



Key Algorithm

Pseudocode:

1. Initialize parameters.
2. Iterate until convergence.
3. Return solution.

Experimental Setup

- Dataset(s)
- Hardware
- Metrics

Quantitative Results

Method	Metric1	Metric2	Time
Baseline	0.75	0.60	10s
Proposed	0.83	0.68	12s

Visualization

Placeholder for figure.

Summary

- Recap major findings.
- Strengths.
- Limitations.

Future Work

- Extension 1
- Extension 2

Questions?

References I