



# Abstract

According to Software maintenance consumes 75% of the total IT budget of a company [1].

According to Curtis [1], in 2018, number of software failures had surpassed 100M which consequently represent a significant waste of resources.

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# Abbreviations

<b>AI</b>	Artificial Intelligence
<b>ML</b>	Machine Learning
<b>AV</b>	Autonomous Vehicle
<b>ASIL</b>	Automotive Safety Integrity Level
<b>MDE</b>	Model Driven Engineering
<b>PDF</b>	Probability Distribution Function
<b>RL</b>	Reinforcement Learning
<b>GSN</b>	Goal Structuring Notation
<b>EDA</b>	Exploratory Data Analysis
<b>GAN</b>	Generative Adversarial Network
<b>iCM</b>	Intuitive Certainty Measure

# Chapter 1

## Introduction

Hello world !!1

# Bibliography

- [1] Herb Krasner. The Cost of Poor Quality Software in the US: A 2018 Report The Cost of Poor Software Quality in the US: A 2018 Report 2 Contents. Technical report, CISQ, 2018.