

Seminar Cloud Computing

From Concept to Production: Deploying TinyML in Industry

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Figure 1: The caption explaining what can be seen in the image/figure. Readers often read captions first if they do not have much time. Thus, it is important to find a good short explanation.

Abstract

1 Introduction

1.1 Context and Importance of TinyML

1.2 Scope and Objective

2 TinyML Overview (1 page)

2.1 Definition and Key Concepts

2.2 Why TinyML Matters

$$a^2 + b^2 = c^2 \quad (1)$$

Again, referring to this equation is easy (see Eq. 1). If you do not need numbering for equations, use the *displaymath* environment:

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

3 Use Cases of TinyML

Enumerations using bullet points:

- IoT and Smart Devices
- Environmental Monitoring
- Industrial Applications
- IoT and Smart Devices
- Edge AI and Autonomous Systems

4 Techniques in TinyML (3-4 pages)

“I think there is a world market for maybe five computers.” (T.J. Watson, IBM, 1943)

The rest of the work (especially all the regular text) must be written/phrased by you. If you write about some results or fact stated in another paper, you should refer to it. The ‘Analytical Engine’ — a mechanical calculation machine — created by Charles Babbage in the year 1838 was based on the decimal system [2, 3, 1, 4, 5].

5 Challenges and Future of TinyML

6 Conclusion

References

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- [4] Haoyu Ren, Darko Anicic, and Thomas A. Run-
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