

Background

Deep learning is a fascinating part of machine learning that has profoundly impacted artificial intelligence. This technique is built on the concept of neural networks, strongly inspired by and modeled after the structure of the human brain. With its abilities to draw conclusions and perform complex tasks, deep learning has the potential to significantly improve many aspects of our technological world.

Our interest lies in exploring how deep learning technology can be used to streamline and enhance our customers' experience at C7 Projects. Our current system contains an extensive amount of information about bids, project plans, and the financial outcomes of projects, but lacks deeper insights into the underlying factors contributing to their success or failure. By implementing a layer of artificial intelligence (AI) on top of our existing platform, we believe we can unearth hidden insights and create significant value for our system's users.

Description

The thesis could focus on:

- Investigate how deep learning could be used to build models that predict which factors most affect the success or failure of projects.
- Explore how deep learning can support C7 Projects in providing customers with tailored recommendations and insights based on their specific projects and needs.
- Evaluate if deep learning can be useful to identify potential risks in projects, enabling users of C7 Projects to take proactive actions earlier and therefore minimize losses.
- Discover methods where deep learning could automate tasks that currently requires manual work in C7 Projects.

Result

The thesis should result in a report with suggestions and strategies on how to plan our development to enhance C7 Projects using AI.

Budget

Triona supplies a supervisor and assures that the students have appropriate tools (computer etc.) and a workplace.