





# Fundamentals of Deep Learning



Top  
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**Welcome!**





Get you up an

**Have Fun!**







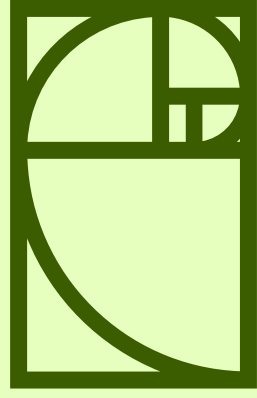
# History of AI



# Early Neural Netwo

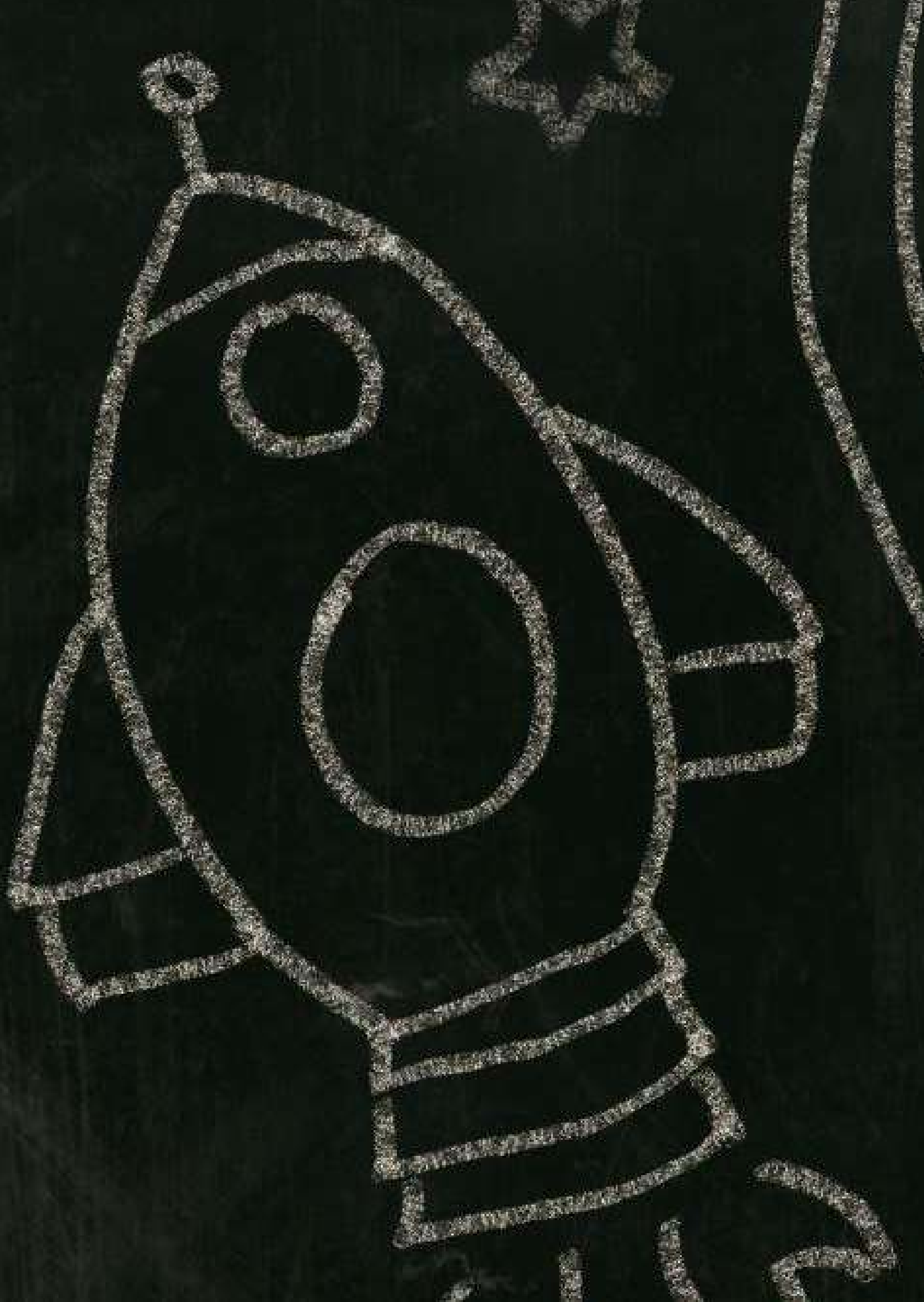
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- Inspired by biology



Highly complex





# The Deep Learning

# Data

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- Networks need a lot of information



Need a way for




**AF**

# What is Deep Learning









**This is a Fundame**

Classic Program



Depth and complexity

# How Deep Learning the World









# Overview of the C

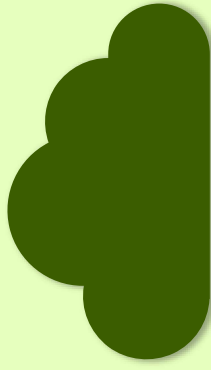
# Hands on Exercises

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- Get comfortable with the



“Hello World” of Deep Learning



GPU powered



# **First Exercise:**

## **Classify Handwrit**

Train a network to

**Let's Go!**

