THE GARDEN OF *Digital Delights*

What is the cloud?

Three layers of infrastructure, working together, accessed through the internet

Your device

Request sent

Response arrives

Data Centres

Huge buildings filled with computers

Thousands of computers running 24 hours a day, every day

The Servers

Not ordinary office computers

Built for one thing: running AI models

Cooling + Power

Massive fans and air conditioning to stop the computers overheating

Enough electricity to power a small city

$527 BILLION

spent on new AI data centres worldwide in 2025

What is the cloud made of?

Local windows · 4 terrestrial fibres · 4 undersea fibre cables · 4 data centres

ISP terminal

CDN node

Local network

Terrestrial fibre

Undersea cable

Local hub

Carrier-neutral space

Wavelength division

Terrestrial fibre

Undersea cable

1.4 MILLION KM

of undersea cables connect the world

Optical fiber

Signal speed in fibre

~200,000 km/s

Round trip

~133 ms

Capital Flow in the Cloud

The financial architecture of the cloud: $527B in annual AI infrastructure capex, $1.5T+ PE-backed software debt, $1.5T in AI energy demand by 2030, and the concentrated ownership structures that connect them. Sources: Bain Capital, Blackstone, Brookfield, Goldman Sachs, Moody's, Morgan Stanley, Preqin, Synergy Research Group, Wood Mackenzie.

How is the breakdown of the total addressable market (TAM) across the three layers for 2030/2035

Application Layer (Software)

Infrastructure Layer (Compute)

Energy Layer (Power)

Total TAM: $5.3 Trillion / $7.9 Trillion

Vertical AI Agents

Horizontal AI Agents

AI Assistants

Agentic Commerce

Physical AI

Cloud Infrastructure

Data Centers

Semiconductors

Power Generation

Power Infrastructure

Cooling

Grid Infrastructure

Source: Bain Capital Private Equity Report 2026

Concentration of compute

Source: Synergy Research Group

How Data Becomes Money

The Three Revenue Pillars

The Capital Flow and Oligopoly Risks

AI Capex Circular Economy

The $5 Gold Circle

Build or Lease or Let It Be Lit

How did we get here?

Timeline of key events, milestones, and turning points in the history of computing and AI

Access to Te Waipa Road

Historical and cultural significance of Te Waipa Road, including its role in connecting communities and its importance to local Māori iwi

Regular Impostor Clone

Exploring the concept of identity and duplication in science fiction literature

The Tainted Lantern Council

Political intrigue and power dynamics within a fictional council

The Dutch Literature Prohibitionist

Censorship and the suppression of literature in the Netherlands

How does the tech move?

The Infrastructure

The Interface

The Cognitive Impact

Nature of LLMs

The Neural Language Model

The Mechanism of Attention

How are LLMs trained

Unsupervised Pre-training (The Base Model)

Supervised Fine-Tuning (SFT)

Alignment and Second Reasoning (RLHF / R1-style)

Human bias in LLMs

+82%

40%

How does AI become biased?

What comes after LLMs?

Environmental Rain on/ of tech

Human Cognition

Why the metaphor of 'tree'?

Emotional Reliance on AI

Emotional Numbness & Social Isolation

THE CRACKED BOOT BARRIER

GDPR vs AI

COPPA vs TikTok

Cookie Consent Banners

HIPAA vs Smartwatches

Virtual Action

Change in Human Interaction

Legend

Flowers as Trends

Fruits as Offerings

The Colored Petals

Bird & Nest as Communities

Framework for Sovereignty

INFRASTRUCTURE

INTERFACE

COGNITIVE

Framework in Action

Intervention Points

Conclusion

Team Members