AETHERIS

Redefining healthcare by transforming data into

life-saving insights

CONTENTS
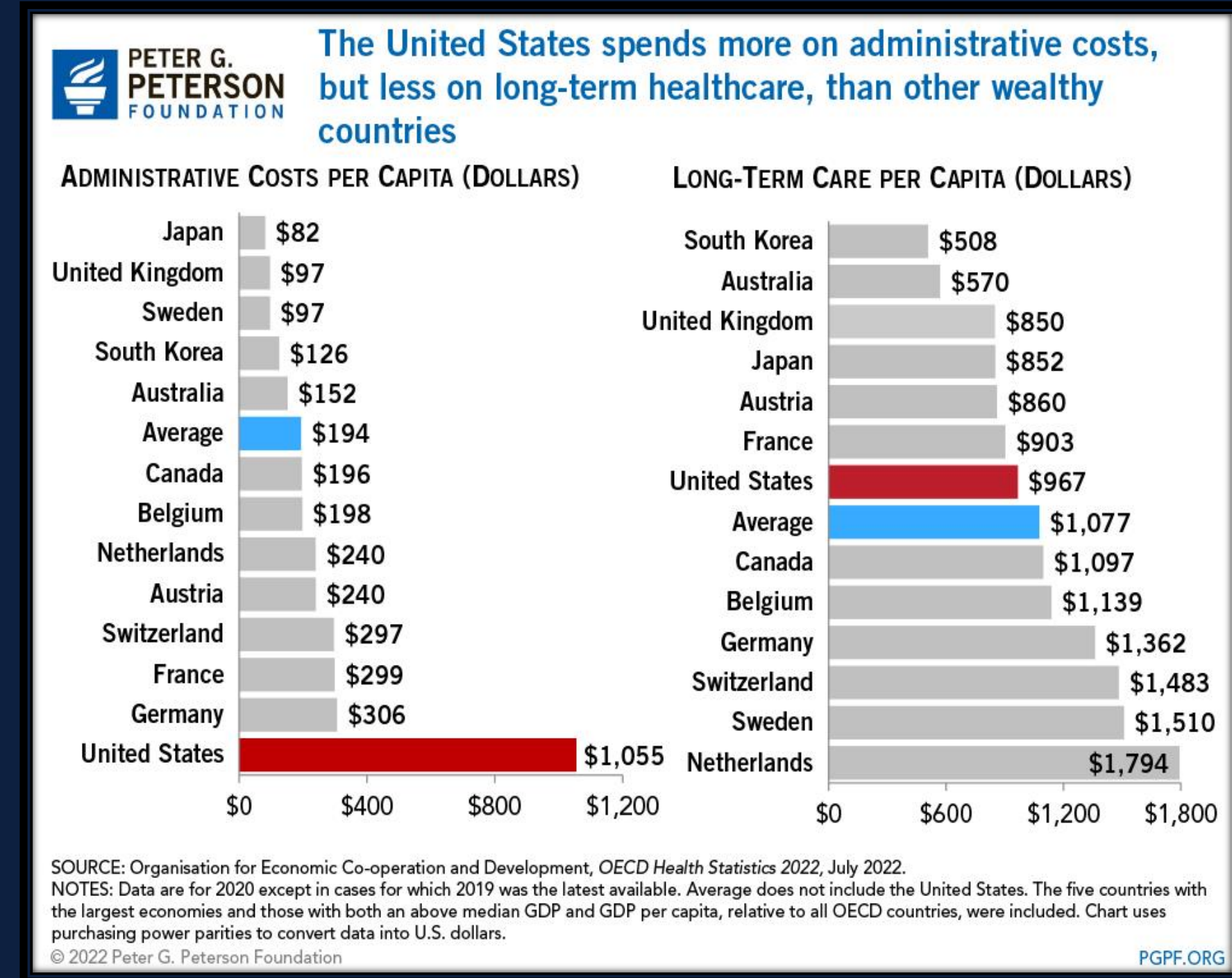
Problem

Idea

Market Research

Unique Services

Revenue Stream

Contact Information

Problem Statement

Healthcare providers face immense challenges due to the overwhelming 137 terabytes of data generated daily. This leads to data storage inefficiencies, operational bottlenecks, and missed opportunities for improved patient outcomes

"Look at the data where it shows average 500-bed hospital spends over $500,000 annually on inefficient data storage, which could instead be used for improving patient care. Leads to data inefficiencies, missed patient care improvements, and operational costs ."

PETER G. PETERSON FOUNDATION

The United States spends more on administrative costs, but less on long-term healthcare, than other wealthy countries

ADMINISTRATIVE COSTS PER CAPITA (DOLLARS)

Country	Cost
Japan	$82
United Kingdom	$97
Sweden	$97
South Korea	$126
Australia	$152
Average	$194
Canada	$196
Belgium	$198
Netherlands	$240
Austria	$240
Switzerland	$297
France	$299
Germany	$306
United States	$1,055

LONG-TERM CARE PER CAPITA (DOLLARS)

Country	Cost
South Korea	$508
Australia	$570
United Kingdom	$850
Japan	$852
Austria	$860
France	$903
United States	$967
Average	$1,077
Canada	$1,097
Belgium	$1,139
Germany	$1,362
Switzerland	$1,483
Sweden	$1,510
Netherlands	$1,794

SOURCE: Organisation for Economic Co-operation and Development, *OECD Health Statistics 2022*, July 2022.
NOTES: Data are for 2020 except in cases for which 2019 was the latest available. Average does not include the United States. The five countries with the largest economies and those with both an above median GDP and GDP per capita, relative to all OECD countries, were included. Chart uses purchasing power parities to convert data into U.S. dollars.

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137 Terabytes

Massive amount of unstructured data is present in this industry

Idea and the problem we are trying to solve:

AETHERIS is an innovative data management platform designed to revolutionize how healthcare providers store, manage, and utilize vast amounts of patient data. By leveraging advanced AI algorithms.

OUR SIMPLE SOLUTION IS GIVEN BELOW:

Unique Services we Offer

• **Cloud Service**: Scalable, cost-effective storage reducing hospital data costs by 40%.

• **AI Data Analysis**: Real-time insights from vast unstructured data, enabling faster patient diagnosis and operational efficiency.

• **Security and Encryption**: Advanced encryption ensuring 100% data compliance and protection.

• **Data Pipeline and Integration**: Seamless integration with existing hospital management systems for uninterrupted operations.

Market research and Potential

1. Global Healthcare Market Size: The global healthcare market is projected to reach **$11.9 trillion by 2022**.

2. Healthcare Data Generation: Hospitals generate approximately **50 petabytes of data annually**, which is about **137 terabytes per day**.

3. Unstructured Data: Up to **80% of healthcare data is unstructured**, making it challenging to analyze without advanced tools.
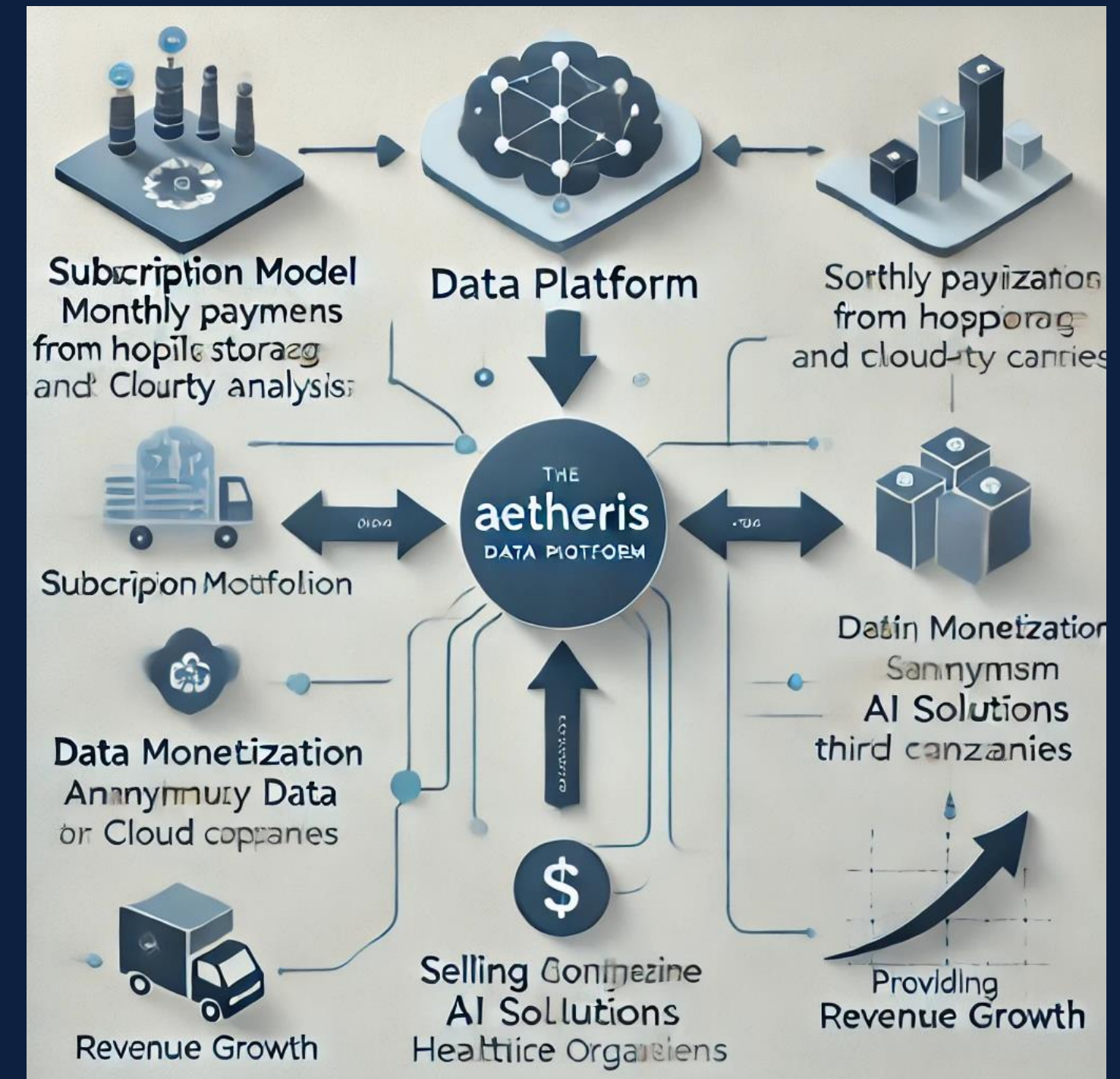
Market Share Estimate:

•If **Aetheris** can capture even a small portion of the **AI in healthcare** and **data management** market segments, the potential is substantial.

•Let's assume **Aetheris** aims to initially target 1% of the AI healthcare market. Based on the **$45.2 billion** projection, 1% market share would represent **$452 million** in revenue.

•For the **digital health market**, if Aetheris captures just **0.1% of the $509.2 billion** market by offering cloud services, AI analytics, and data management, that would amount to **$509 million**

Revenue Stream

- **Aetheris Data Platform**: Central hub for data management, analysis, and monetization.

- **Subscription Model**: Monthly payments for cloud storage and analysis from clients (e.g., hospitals).

- **Data Monetization**: Selling anonymized data to third-party companies.

- **AI Solutions**: Custom AI tools sold to healthcare and other industries.

- **Revenue Growth**: Generated through subscriptions, data sales, and AI solution

Aetheris Team

Name: Rajith

Role: Cloud and Backend
Developer

GitHub: @srajith

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Experience: 6 years of
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THANK

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