SHERLOCK AI

DISCOVER HEALTHCARE INTELLIGENCE

Promoting Health Literacy and Skin Cancer Detection Through Gamification and AI

START PRESENTATION

SHERLOCK AI

Fast, reliable and early detection of cancer with Artificial Intelligence

While the AI is classifying skin lesions for adults, the Sherlock AI allows children to participate and learn about preventative health measures using images and emojis.

POWER OF AI

AI can be better than your dermatologist while teaching kids to be better future healthcare consumers!

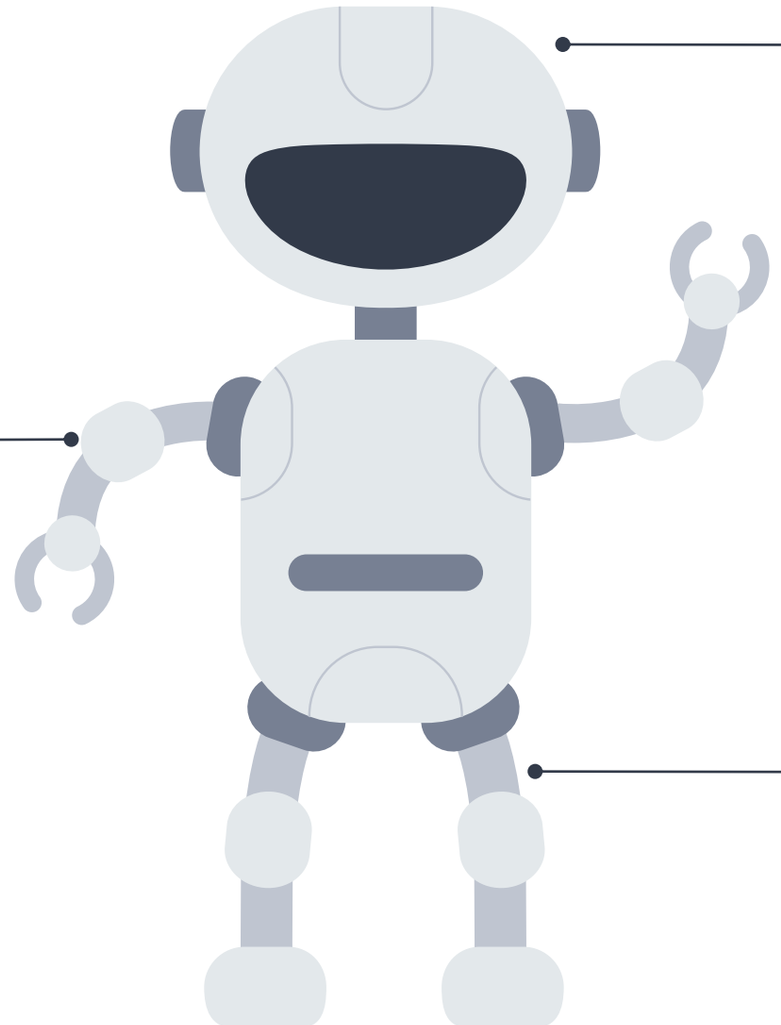
- Convolutional Neural Network (CNN) has performed better than dermatologists in a recent study.
- The AI accurately identified 95% of the melanomas by analyzing the images as compared to 89% by dermatologists.
- Deep-learning algorithms could increase the number of screened patients and prioritize limited resources for patients with the highest risk for cancer

[Can Artificial Intelligence Diagnose Skin Cancers More Accurately than Anatomic Pathologists? Heidelberg University Researchers Say “Yes”]

SHERLOCK AI

There are 75 repositories and nearly 95k available code results on Github for "Skin Cancer Detection." Many of these projects are extremely useful to data scientists, physicians, and healthcare researchers, but have little utility for patients, especially given the fact that there is very low health literacy in the United States.

THREE MAIN FEATURES



Cancer Detection with AI

A model built with 13000 images of past confirmed diagnosis

Gamification

Everyone is looking for the Pokemon Go for Healthcare. The market is expected to grow 20% annually to $5 billion in 2022.

Health Literacy

Lack of adequate health literacy costs the US and patients over $200 billion annually. Getting children involved in healthcare education and disease prevention could solve this problem.

HOW IT WORKS

01

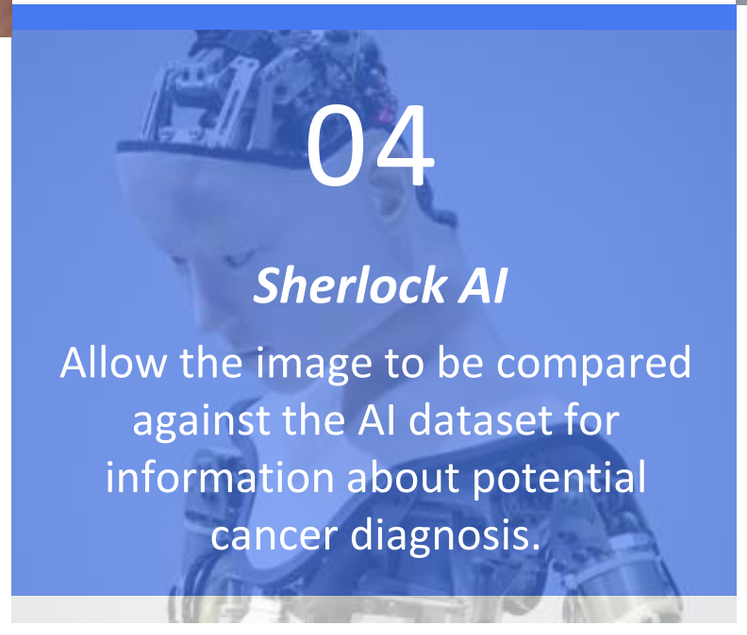
Suspect Cancer?

Take picture of suspect region.

02

Obtain image

Skin Cancer is the easiest cancer to cure if caught early.



04

Sherlock AI

Allow the image to be compared against the AI dataset for information about potential cancer diagnosis.

03

Allow Children to Participate

Children can take pictures of hard to reach areas on the back of family and categorize in their own way with images and emojis.

THINKING OUTSIDE THE BOX

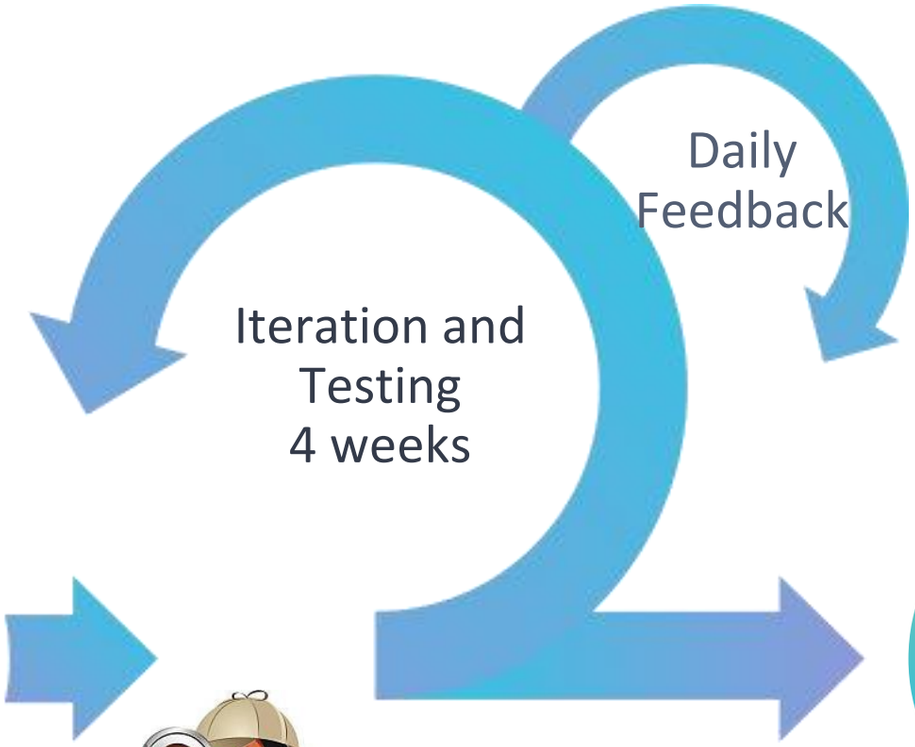
Sherlock AI as a Next Generation Patient Focused Platform Promoting Health Literacy and Health Condition Detection

Recent advances in AI by Google have demonstrated that an image of a persons eye can detect many diseases and conditions, including cardiovascular disease and the presence of a heart attack or stroke. This would be a natural extension to Sherlock AI's mission.

[Google AI now can predict cardiovascular problems from retinal scans]

SHERLOCK AI ROADMAP

"DISCOVER HEALTHCARE INTELLIGENCE"



SHERLOCK AI
Yelp API Integration
Telehealth API Integration

Local Content Integration
Health System Referral
Dermatology
Patient Scheduling

COMPLETED PRODUCT VERSION

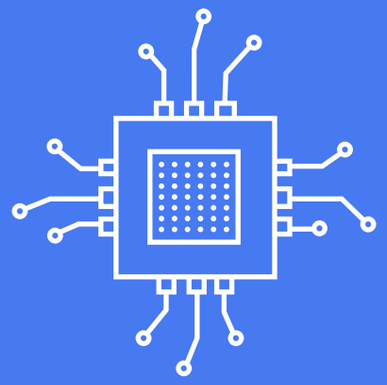
INFOGRAPHIC DATA

Short Introduction Goes Here

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec sed odio dui. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Maecenas sed diam eget risus varius blandit sit amet non magna. Maecenas sed diam eget risus varius blandit sit amet non magna.

Short Introduction

Lorem ipsum dolor sit amet, adipiscing. Nullam id dolor id lorem ipsum nibh.



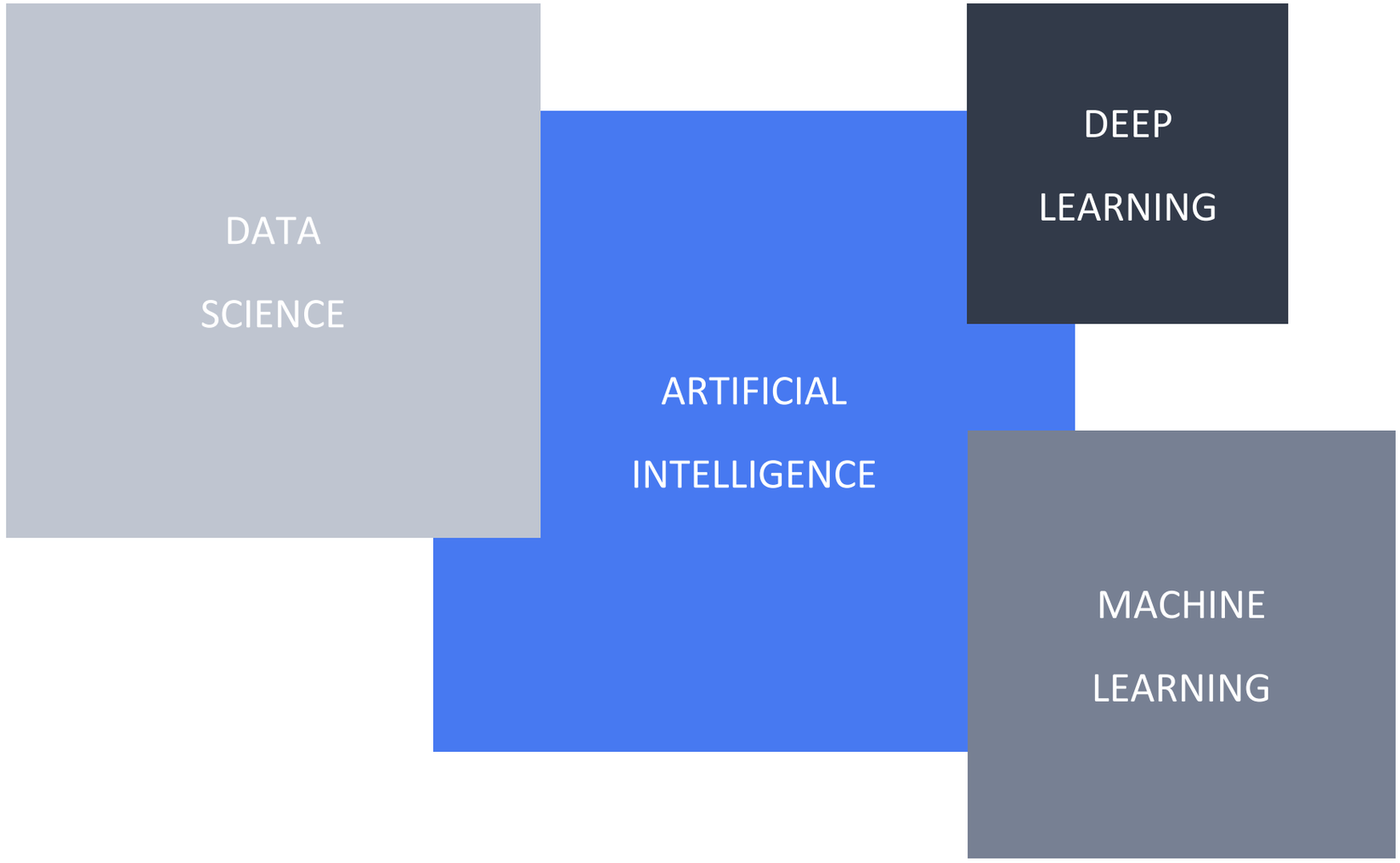
Short Introduction Goes Here

Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Aenean lacinia nulla sed. Sed posuere consectetur est at quis risus mollis ornare vel eu leo.

Short Introduction

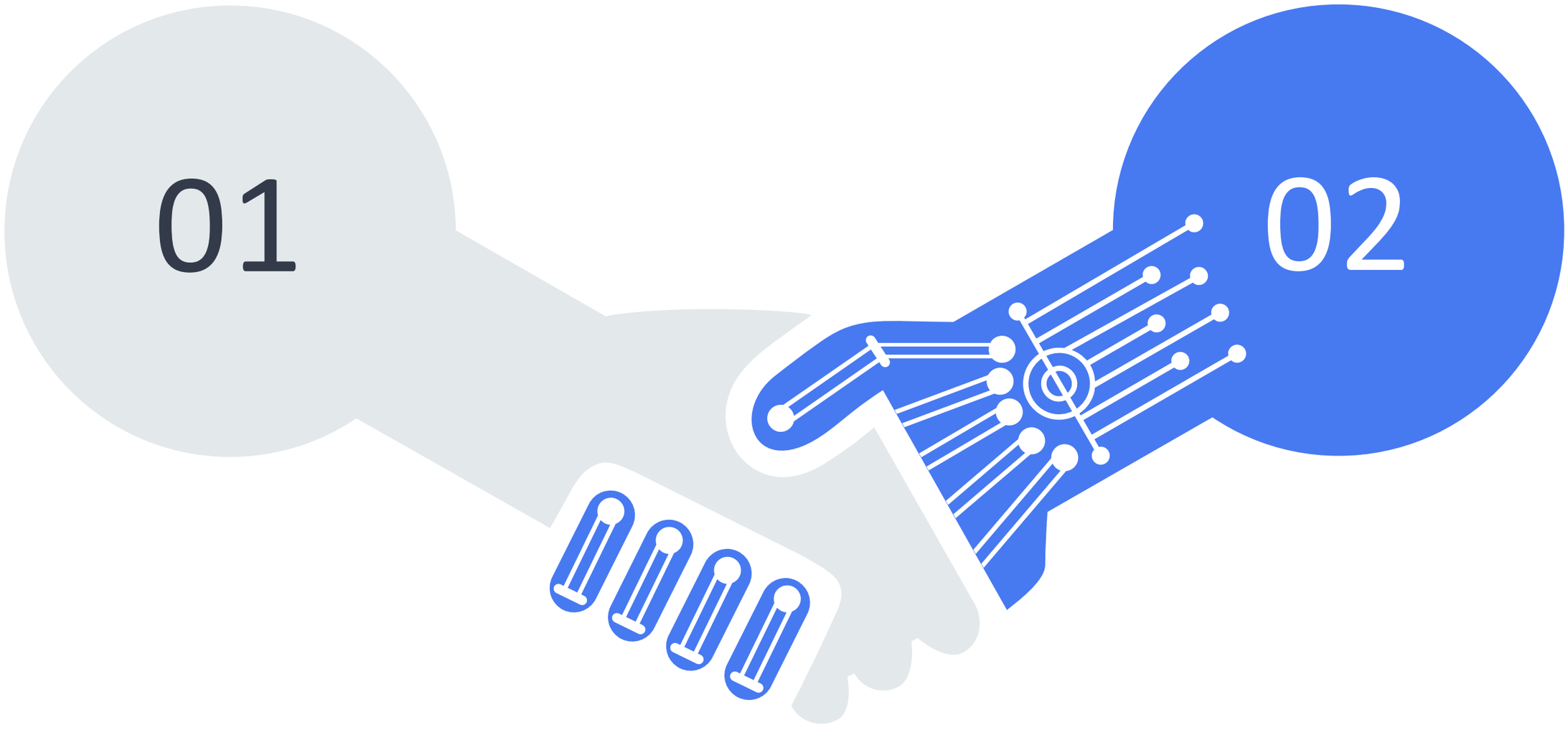
Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor lobortis.

INFOGRAPHICS



Donec id elit non mi porta gravida at eget metus. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Nulla vitae elit libero, a pharetra augue.

HANDSHAKE INFOGRAPHIC



01

Subtitle Goes Here

Vestibulum id ligula porta euismod semper. Integer posuere erat.

02

Subtitle Goes Here

Etiam porta sem malesuada magna mollis euismod id ligula porta felis semper.