

Samsung Corning Precision Materials

Samsung Engineering & Construction

Samsung Life Insurance

Samsung SDS

Samsung C&T Corporation

Samsung Trading & Investment

Samsung Group

Samsung Engineering

Samsung Fire & Marine Insurance

Samsung Electronics

Samsung Heavy Industries

Samsung Electro-Mechanics

Samsung SDI

Samsung Digital Imaging

Samsung Mobile Display

2019

50th Anniversary

Samsung Electronics



1938 - 1958



1969 - 1979



1980 - 1992



1980 - 1992



1993 - сегодня



1993 - сегодня

Samsung Electronics History

- Established as Samsung Electro-Mechanics

1969



Samsung Electronics History

- Began mass-production of Black & White TV('72), Refrigerator, Washing Machine('74)
- Began Semiconductor Business('74)

1970s



Samsung Electronics History

- Developed the world's first 4mm VTR('86)
- Merged with Samsung Semiconductor & Telecommunications Co. and became a Comprehensive Electronics Company('88)

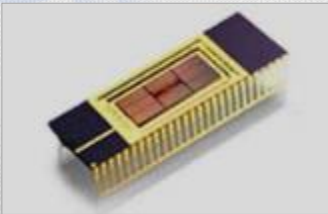
1980s



Samsung Electronics History

- Marked No.1 in the world's Memory markets('93)
- Became a Worldwide Olympic Partner in the Mobile Telecommunications sector('97)

1990s



Samsung Electronics History

- Marked No.1 in the world's TV markets('06)
- Launched the world's first 4G LTE USB Modem('09)

2000s



Samsung Electronics History

- Marked No.1 in the world's mobile phone markets
- Ranked the 9th out of 100 Top Global Brands

2010s



Samsung Electronics History

- No 6 in Interbrand rating
- No 1 in the smartphone display market
- Exynos 7 nm processors and 5G modem

2019



Samsung Electronics in the world

74 Countries

309 630 people

Manufacturing Subsidiaries

Sales & Marketing Subsidiaries

Logistics Centers

Design Centers

R&D Labs

Regional Headquarters

Others



Global R&D Networks

14 R&D Centers and 7 AI Centers worldwide

Global R&D Centers

America

Europe/CIS/Middle East

Southwest/Southeast Asia

China

Japan

Global AI Centers



Samsung Digital City

Area
1.72mil.m²

Human resources
35 000

R&D investment –
8% of annual sales
revenue

9,000 umbrellas
provided during
rain

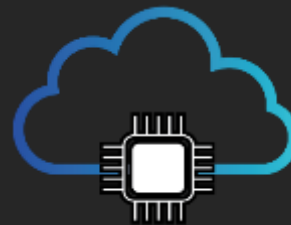
92 different menus
on food courts

Samsung Research Russia

Established in 1993



Algorithm Research



Media Processing



Applied Intelligence



Deep System



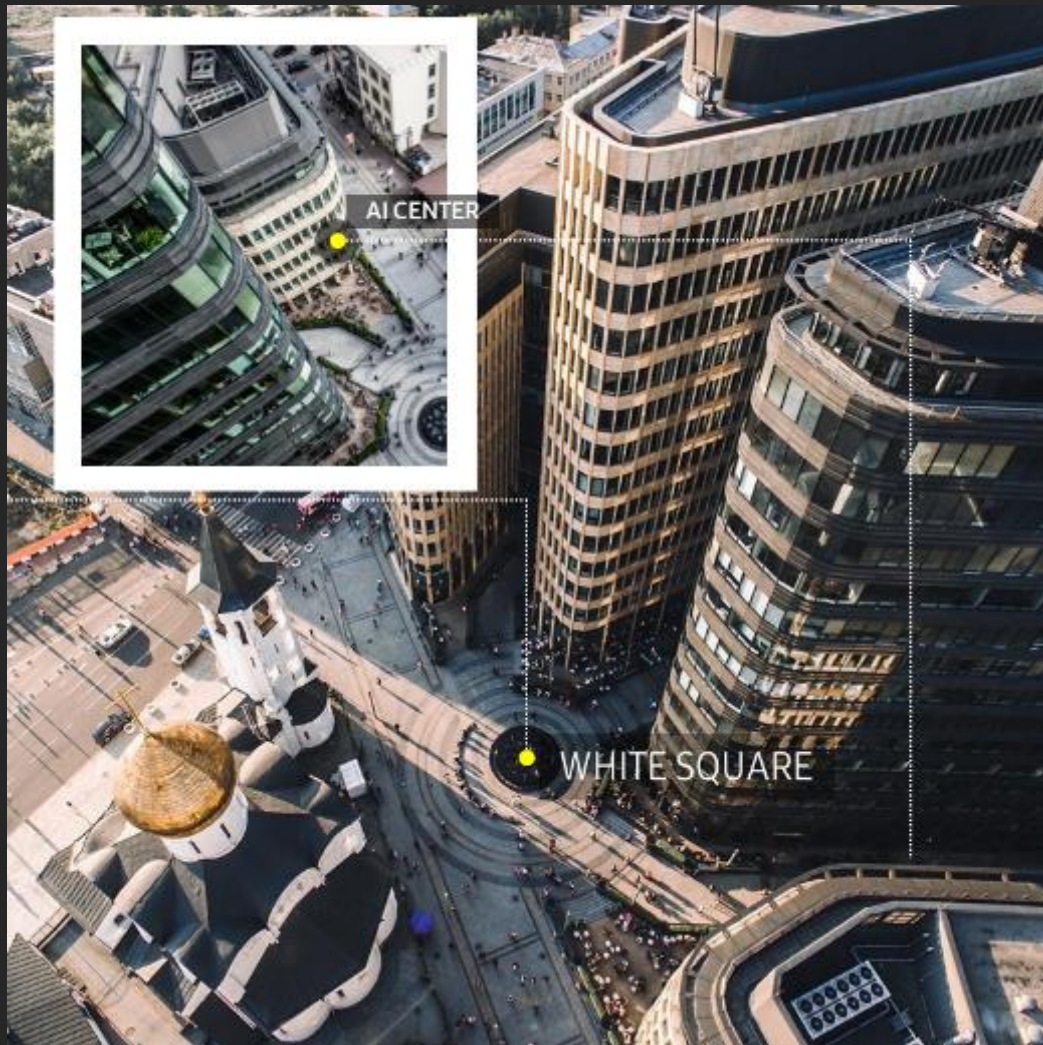
Optics



Business Development

Samsung AI Center - Moscow

Established in May 2018



Computer Vision



Telepresence



AI Core
Platform



Multimodal
Data
Analytics

Global AI Market

Worldwide Trends

AUTHENTICITY

KEY POINTS



- “Get rid of common devices”
- Hidden Assistance

- AI in electronic accessorizes
- Solutions for non-standard consumers

WELLNESS AS STATUS SYMBOL

KEY POINTS



- Life balance
- Looking wellness-ready
- Wellness leisure

- Devices to help in training (headphones with voice recognition, pulse/activity, mood & emotions control)
- Personal trainer (virtual assistant)

SECURITY

KEY POINTS



- People worry about personal and private data safety because of «automating» trend

- Smart Home security
- Self driving cars security
- Security platform for mobile & IoT

Artificial Intelligence

Demand for innovations

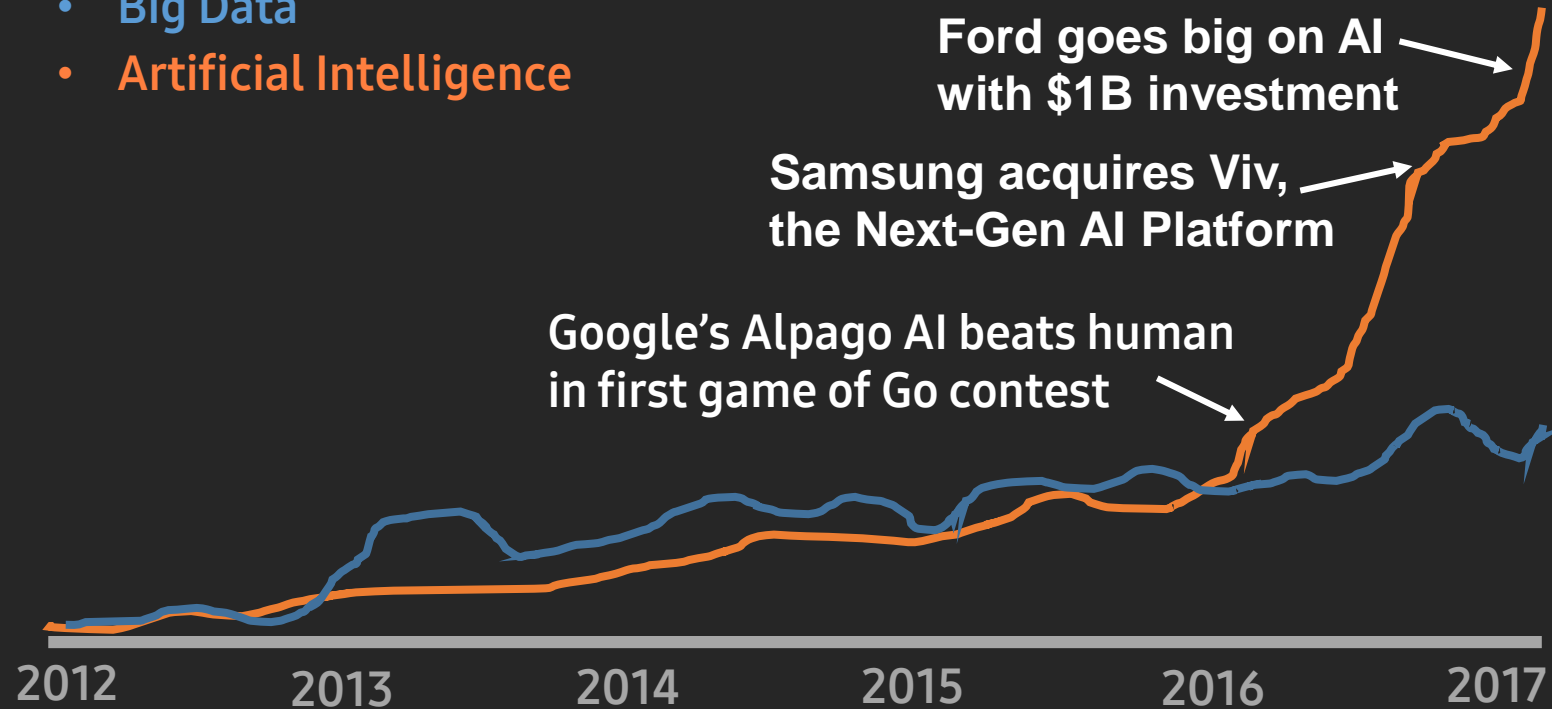
- Big Data
- Artificial Intelligence

THE BATTLE FOR TOP AI TALENTS
ONLY GETS TOUGHER FROM HERE

Ford goes big on AI
with \$1B investment

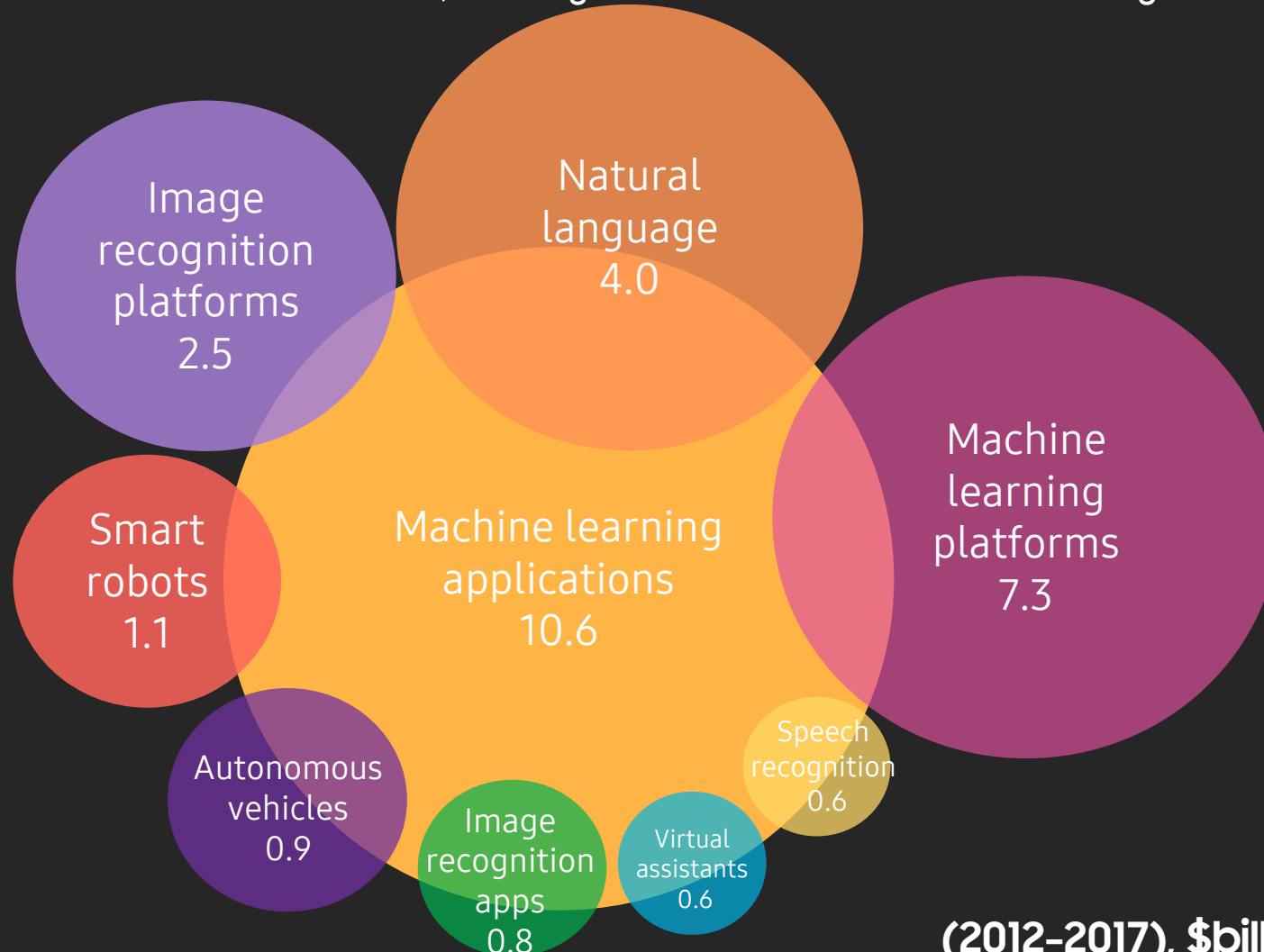
Samsung acquires Viv,
the Next-Gen AI Platform

Google's Alpago AI beats human
in first game of Go contest



Investment in AI Tech

Machine learning received the most investment, although boundaries between technologies are not clear-cut



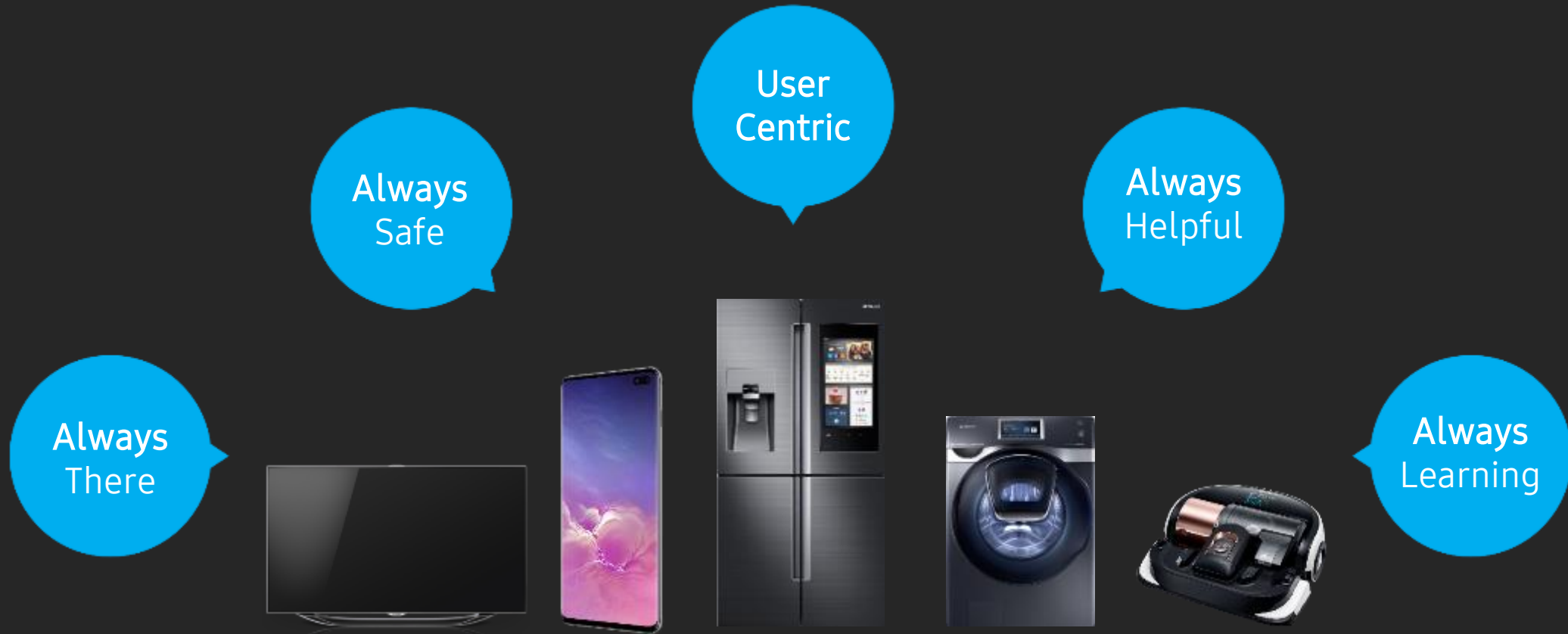
(2012-2017), \$billion

- www.cbinsights.com
- <https://medium.com/@VentureScanner/artificial-intelligence-funding-trends-q3-2017-4e8a9b80fe53>
- <https://www.statista.com/statistics/672712/worldwide-artificial-intelligence-startup-disclosed-funding/>

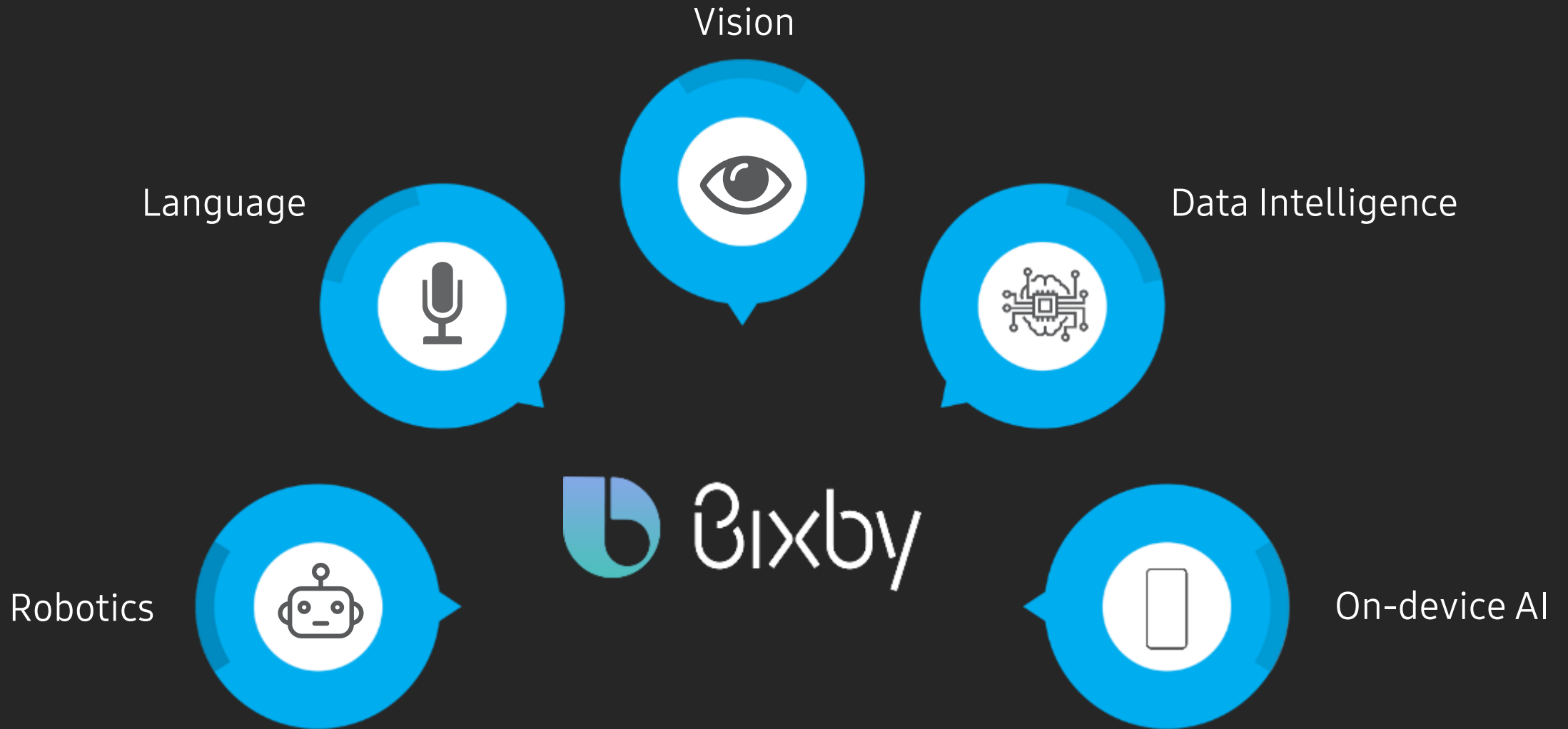
Samsung AI vision

Samsung AI Vision

Shaping a New Era of Connected Living with AI



Samsung AI Research Focus



Welcome to the world of AI & Machine Learning

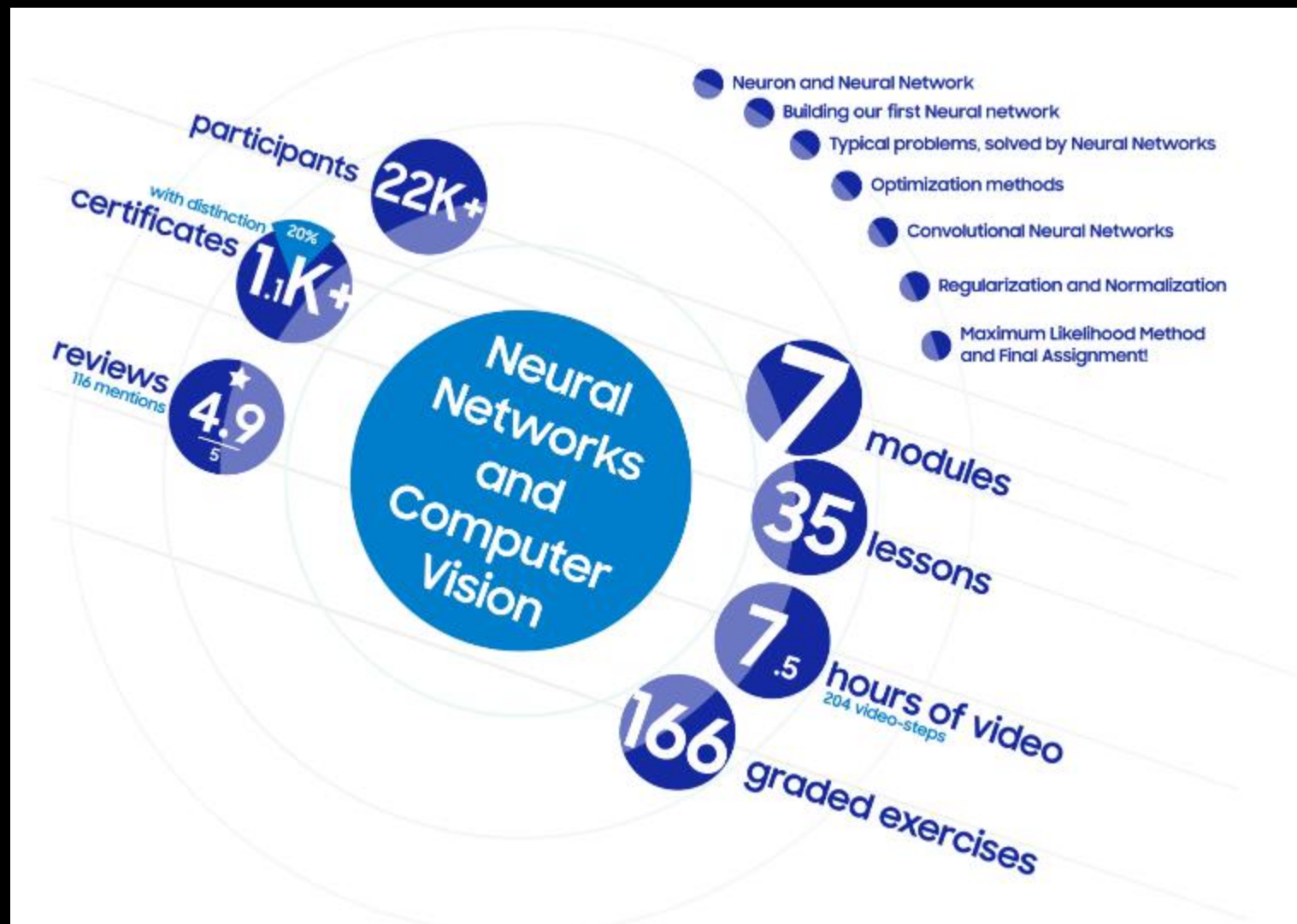
Open Machine Learning courses

<https://stepik.org/org/srr>



Входные требования

- 1) Математическая статистика
- 2) Математический анализ
- 3) Линейная алгебра
- 4) Основы Python

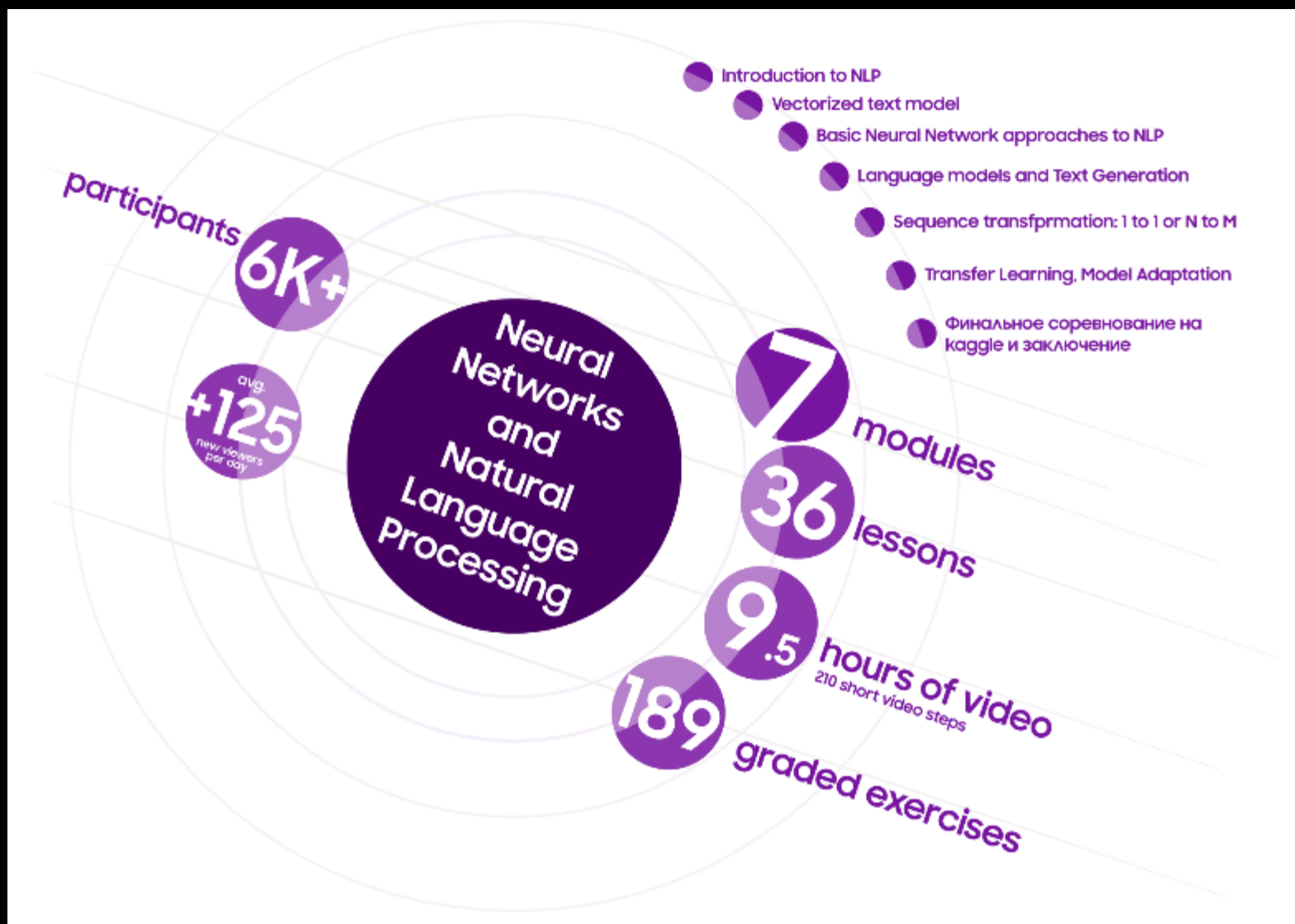


Михаил Романов
Visual Understanding Lab



Игорь Слин'ко
Visual Understanding Lab





Samsung social education programs



Enabling People



IT ШКОЛА SAMSUNG

For school children:

годовая программа образования по основам ИТ и программирования, мобильная разработка под Android



SAMSUNG IT ACADEMY

For University students

- Internet of Things
- Mobile Development
- Artificial Intelligence

Позволит вузам-участникам стать центрами компетенций и подготовки молодых специалистов в самых востребованных областях ИТ-индустрии



THANK YOU!

감사합니다!

СПАСИБО!



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