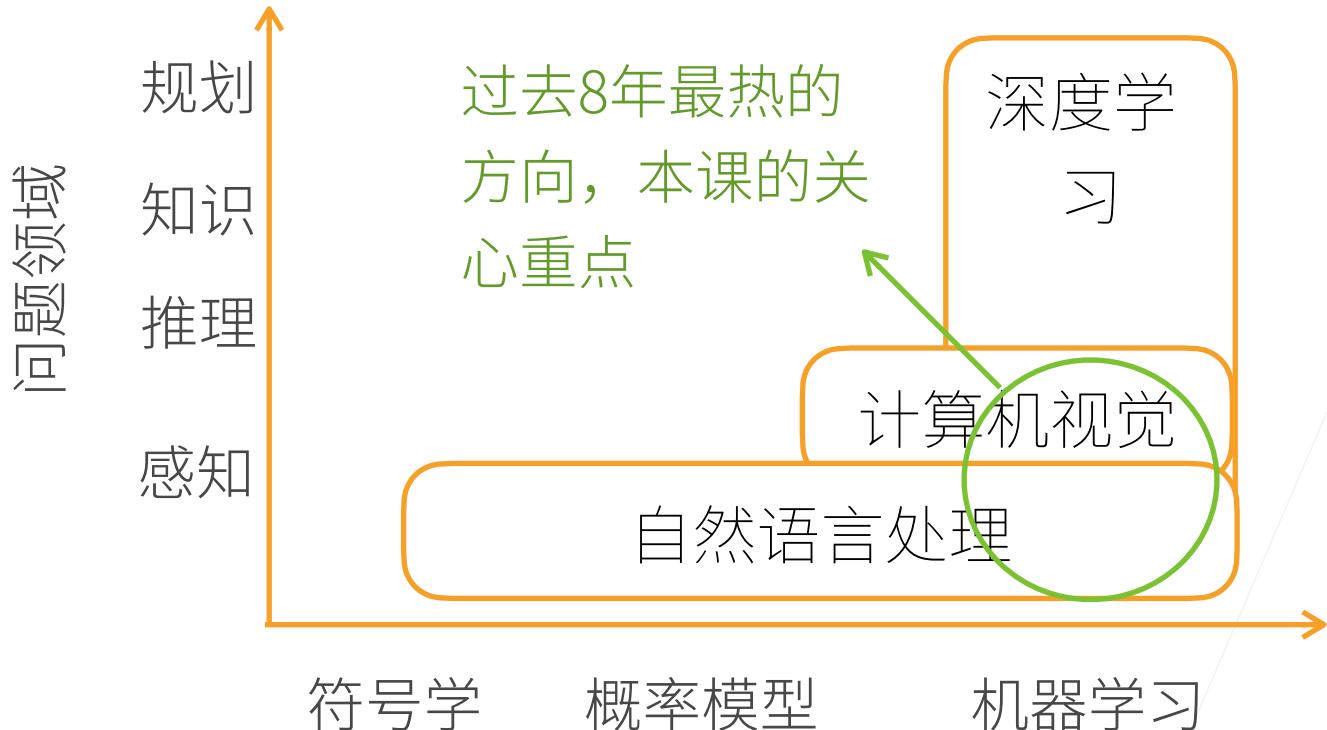


动手学深度学习 v2

李沐 · AWS



AI 地图





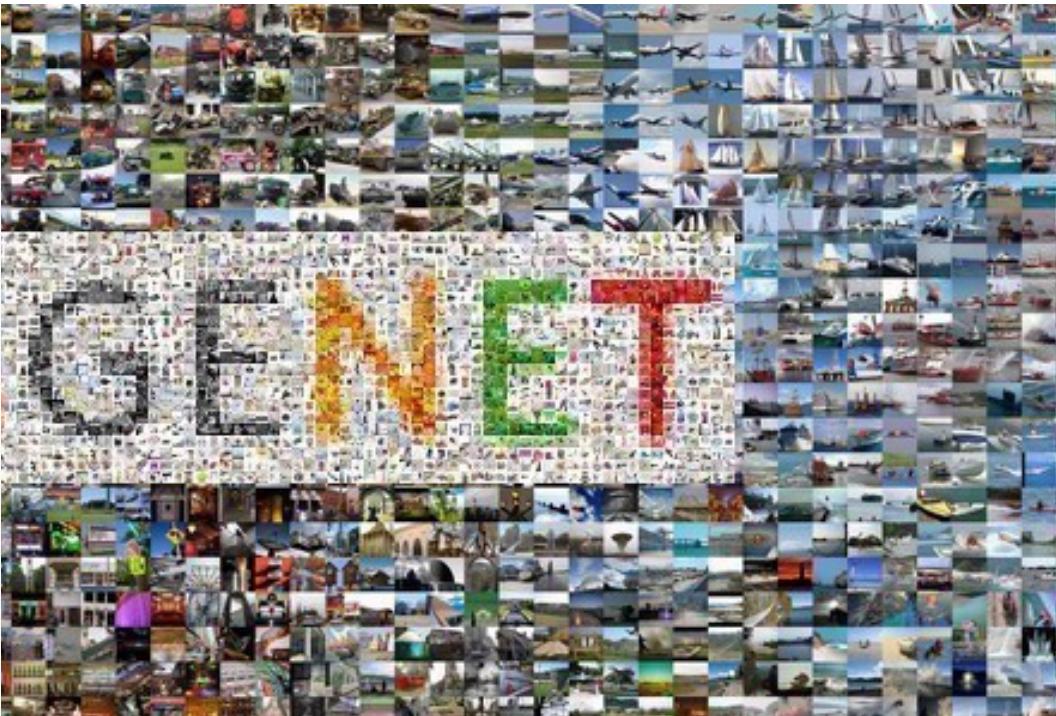
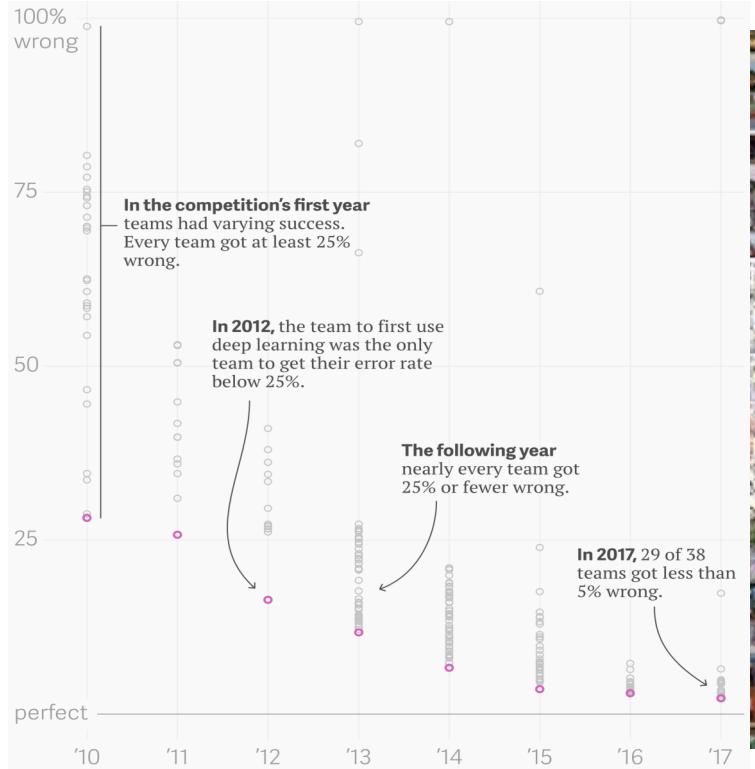
图片分类



<http://www.image-net.org/>



图片分类



<https://qz.com/1034972/the-data-that-changed-the-direction-of-ai-research-and-possibly-the-world/>



物体检测和分割



https://github.com/matterport/Mask_RCNN

动手学深度学习 v2 · <https://courses.d2l.ai/zh-v2>



样式迁移





人脸合成





文字生成图片

TEXT PROMPT

an illustration of a baby daikon radish in a tutu walking a dog

AI-GENERATED IMAGES



TEXT PROMPT

an armchair in the shape of an avocado [...]

AI-GENERATED IMAGES



<https://openai.com/blog/dall-e/>



文字生成

Q: How to run an Effective Board Meeting

Step 1: Spend time building an effective board

Startup boards typically include one or more founders representing the common shareholders of the financing round), and one or more independent board directors. Importantly, these independent directors have more reputational skin in the game, actual legal liability, and critical feedback to the CEO.

Most founders I've met don't appreciate the significant impact that high quality board members can have on high quality, however that's not always entirely in your control, since it's dependent on how hot you are picking you. The quality of your independent board members is far more in your control. It can take a lot of effort from a board member but the effort is absolutely worth it.

When you start recruiting independent board members can vary from startup to startup, I typically delay it if your current board is decent enough and covers the areas of knowledge critical to your startup.

A while back, one of the startups we'd invested in had seen some early success with large enterprise clients but encountered some really tough challenges. Mostly because the DNA of the founders was primarily spinning their wheels and rotating through heads of sales, the founders decided to try and accelerate the search for an expert in enterprise sales. The effects were immediate. Within weeks they were making headway on deals and team delivering results. Over the following few years, this independent board member was critical to the startup's success.

Founders also tend to not realize they can stretch even higher in recruiting board members than in-house. It's incredibly flattering, a relatively low time commitment, and the topic can be broached with very little tact. You can shoot for the stars. Typically compensation for an external board member like this should be the current stage, with immediate monthly vesting; no cliff.

Here's `#gpt3` writing some SQL for me.

Text: Select the "Students" from the "School" table joining

Code: `SELECT * FROM Students`

`INNER JOIN Class`

`ON Students.ID = Class.StudentID`

无人驾驶



案例研究 – 广告点击



All ▾ baby toy Hello, Mu Account & Lists Orders Prime Cart

Deliver to Mu
Palo Alto 94303 Fresh ▾ Whole Foods Today's Deals Help Best Sellers

Shop deals for the New Year

Sort by: Featured ▾

1-48 of over 30,000 results for "baby toy"

Amazon Prime

prime prime | FREE Same-Day

Get FREE Same-Day Delivery on qualifying orders over \$35

Delivery Day

Get It Today Get It by Tomorrow

Pantry

prime pantry

Prime Wardrobe

prime wardrobe

Local Stores

Amazon Fresh Whole Foods Market

Department

Toys & Games
Baby & Toddler Toys
Baby Musical Toys
Stuffed Animals & Plush Toys
Baby Rattles & Plush Rings
Baby Activity Play Centers
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Children's Basic Concepts Books

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Similac Pro-Advance Non-GMO Infant Formula with Iron, with 2'-FL HMO, Baby Formula, Powder, 36 oz, 12 Count (One Month Supply)

Similac Pro-Total Comfort Infant Formula OPTI-GRO, Non-GMO, Baby Formula, Powder, 36 oz, 12 Count (One Month Supply)

5★ 428 Ad feedback

5★ 188 Ad feedback

Price and other details may vary based on size and color


Sponsored ⓘ Baby Einstein Magic Touch Mini Piano Wooden Musical Toy, 3 Months + \$9.99


Sponsored ⓘ Splashin'kids Infant Toys Beginner Crawler Game Ball Drop Maze Tummy Time Activity Center Early Development Jum... \$19.99


Sponsored ⓘ iPlay, iLearn 5 Dinosaur Baby Rattles, Teether, Shaker, Grab and Spin Rattle, Musical Toy Set, Early Educational Toys, Unique Gifts... \$19.99

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HOMOFY Homof Baby Toys Musical Learning Table 6 Months Up-Early Education Music Act... \$26.99 Ad feedback


RenFox Kids Musical Mats, Music Piano Keyboard Dance Floor Mat Carpet Animal Blanket... \$36.99 Ad feedback


fisca 3 in 1 Musical Instruments Toys, Electronic Piano Keyboard Xylophone Drum Set... \$15.89 Ad feedback


LIGHTDESIRE Baby Toys Musical Caterpillar, Infant Toys Crinkle Rattle Soft with Rin... \$21 Ad feedback

Sponsored products related to this item

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BAOLI Baby Bear Bell Toy Music Song Light (Colors May Vary Pink/Green/Yellow) \$9.99 Ad feedback


london-kate Wooden Musical Table - Xylophone, Drum, Maraca and 2 Beaters \$27.58 Ad feedback


Woby Multifunctional Musical Elephant Keyboard Piano Educational Learning Light Up... \$19.98 Ad feedback


NextX Baby Toys 6 to 12 Months Infant Musical Learning Toys \$26.99 Ad feedback



案例研究 – 广告点击

触发



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点击率预估

$$p = 0.11 \quad p = 0.08 \quad p = 0.03 \quad p = 0.02$$



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预测与训练



Baby Einstein Magic Touch
Curiosity Tablet Wooden
Musical Toy, 6 Months +
★★★★★ 25
\$19.99 Prime

特征提取



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产品描述

产品图片

模型

点击率预测



$p=0.11$

训练数据
(过去广告展现和用户点击)



模型



完整的故事

领域专家

点击



展现



模型控制广告展现，这些又用来训练新的模型



数据



模型



提升模型精度和性能

数据科学家

AI 专家