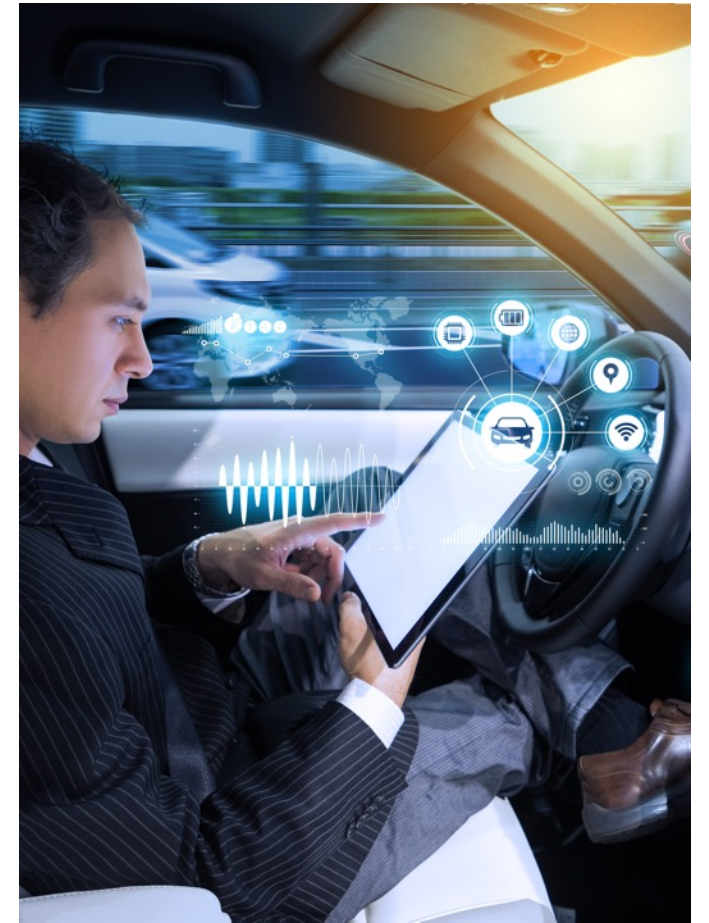


A decorative graphic consisting of several red lines and circles. The lines are horizontal and vertical, with some diagonal segments, and are connected by small red circles. The circles are also connected to the lines, creating a network-like structure. The lines and circles are red and have a consistent thickness.

MUNTHNER A. DAHLEH

Economics and Market Design for Data

Computing and Data



Congestion Is Going from Bad to Worse



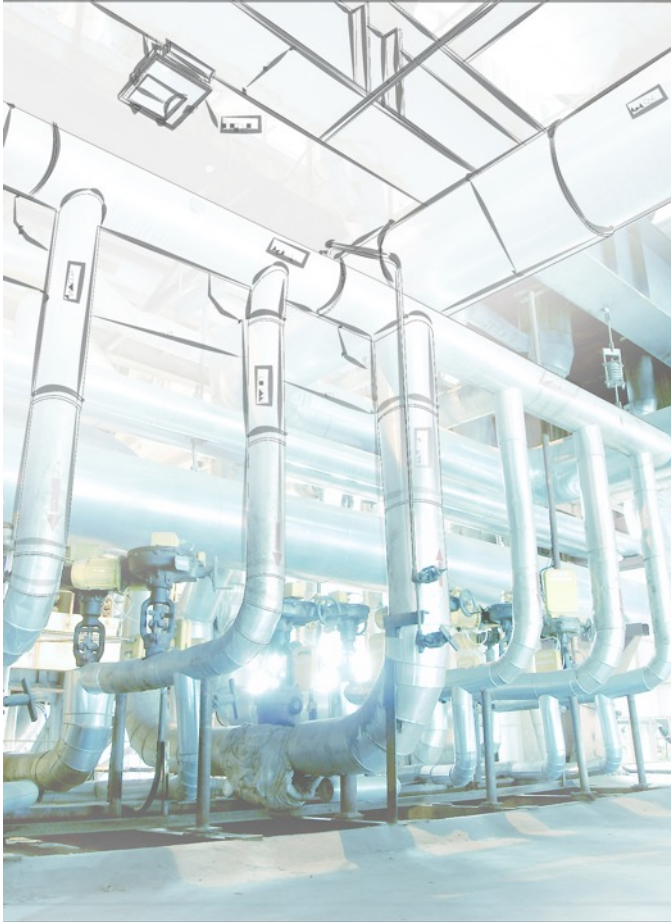


Physical and Engineered Systems



Institutions

Paradigm Shift



**Physical and
Engineered Systems**

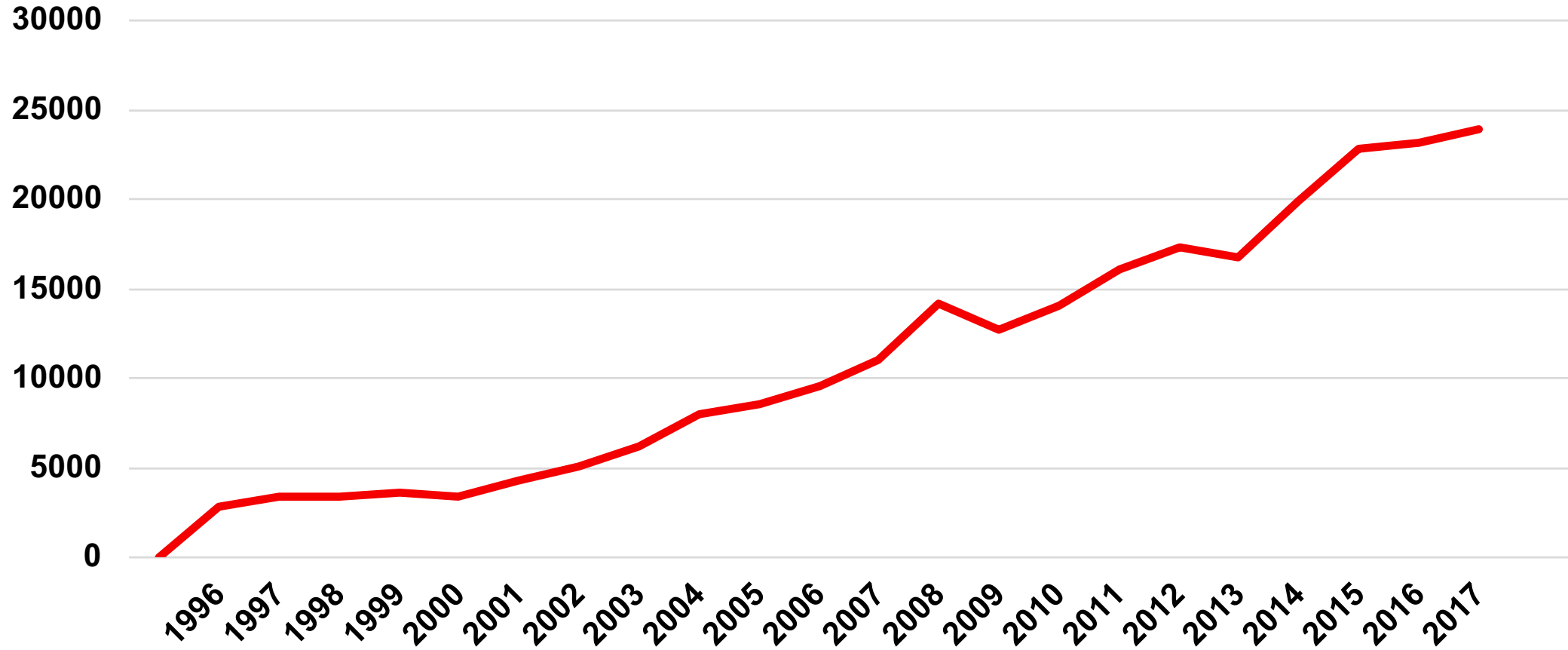


Society

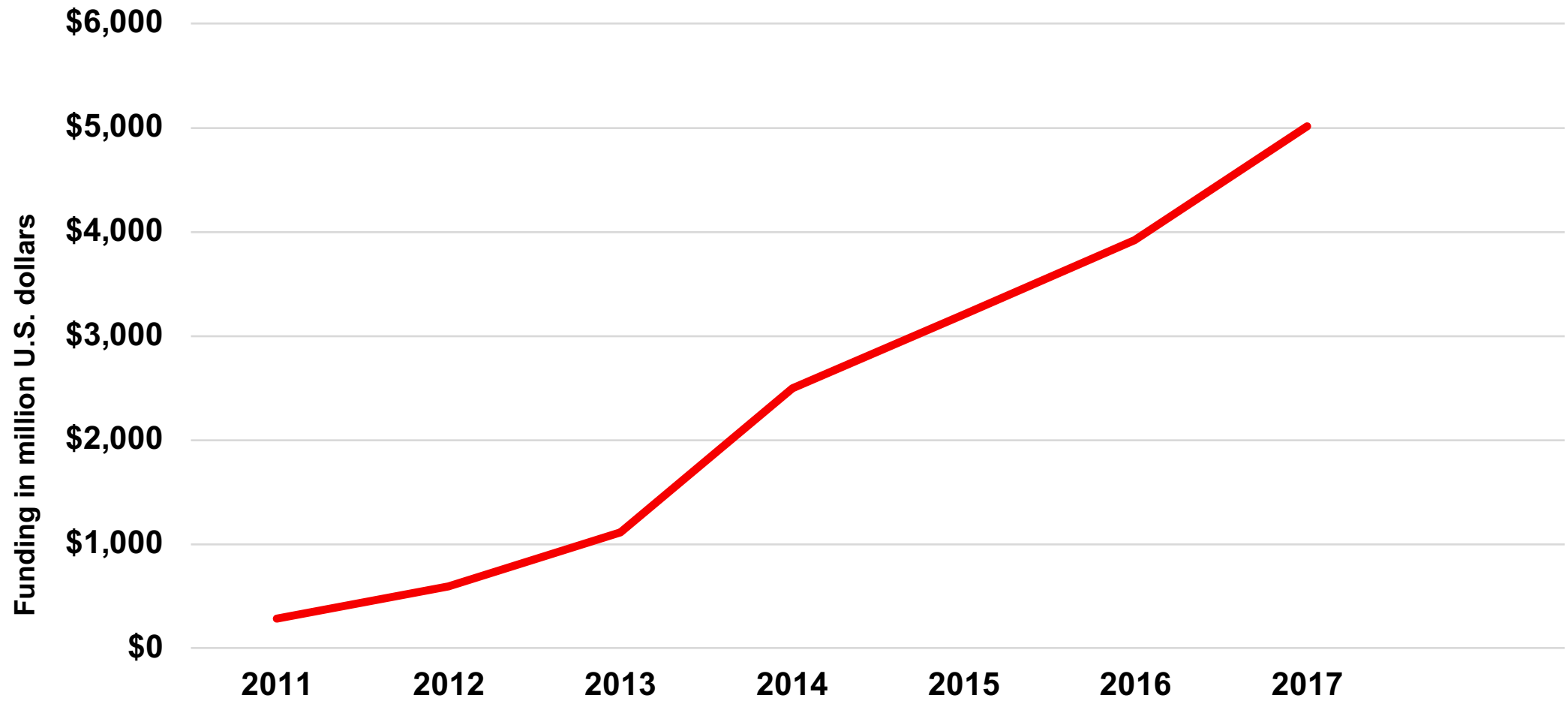


Institutions

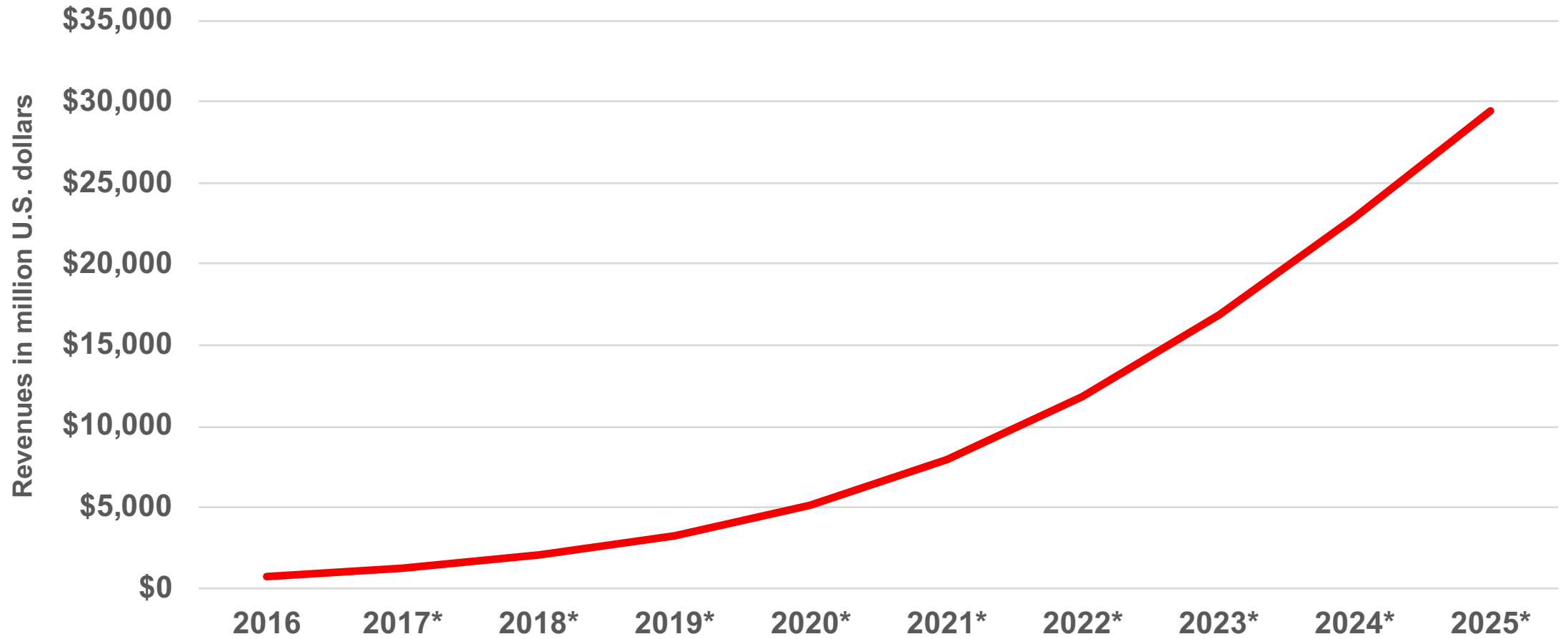
Papers Published on AI (Scopus.com)



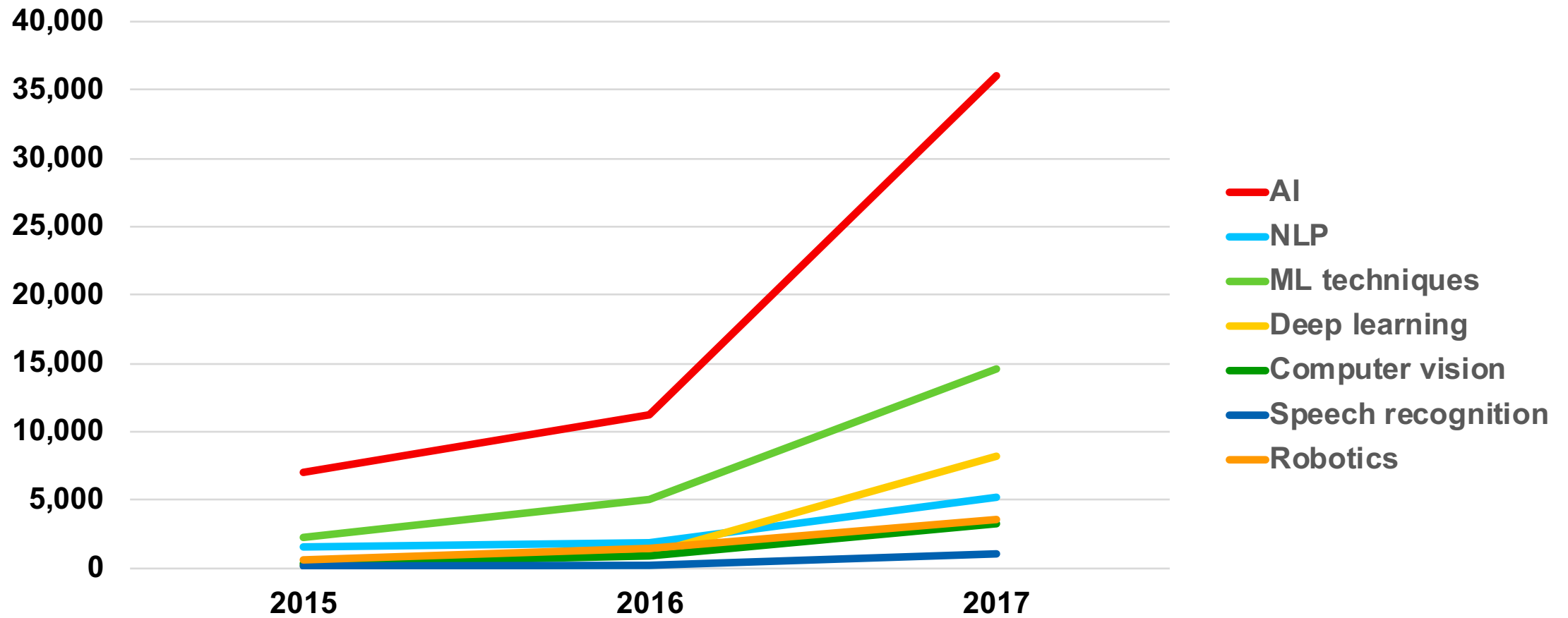
AI Funding in the U.S.



Revenues from AI Market in North America



Job Openings (Monster.com)





```
mirror_mod.use_z = True
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True

#select the end add back the deselected mirror
mirror_ob.select= 1
modifier_ob.select=1
bpy.context.scene.objects.active = modifier_ob
print("Selected" + str(modifier_ob)) # modifier ob is the
#mirror_ob.select = 0

return group_info;
return NULL;

groupinfo->nblocks = gidsetsz;
return group_info;

while ( 1 ) {
```

Data as a Commodity



A thick red line starts from the top left corner, goes down vertically, then turns right at a 90-degree angle, and then turns up at a 45-degree angle towards the top right corner.

**“Personal data is the new oil
of the internet and the new
currency of the digital world.”**

Meglana Kuneva, Head of the EU Delegation to
the Council of Europe

A thick red curved line that starts from the bottom right corner and curves upwards and to the left, ending near the center of the bottom edge.

Bloomberg



Cambridge
Analytica

EQUIFAX

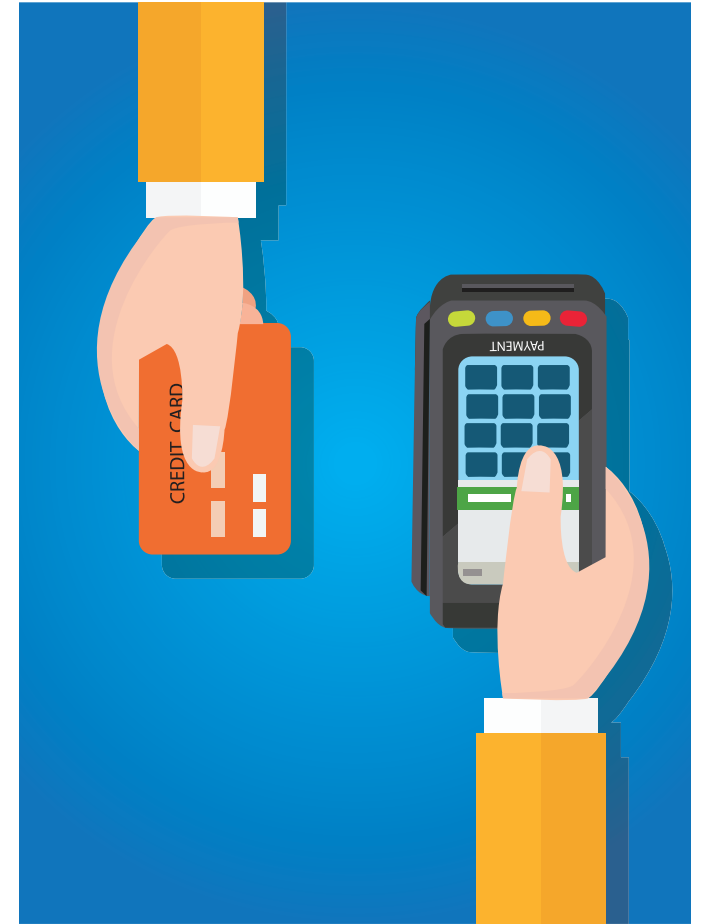
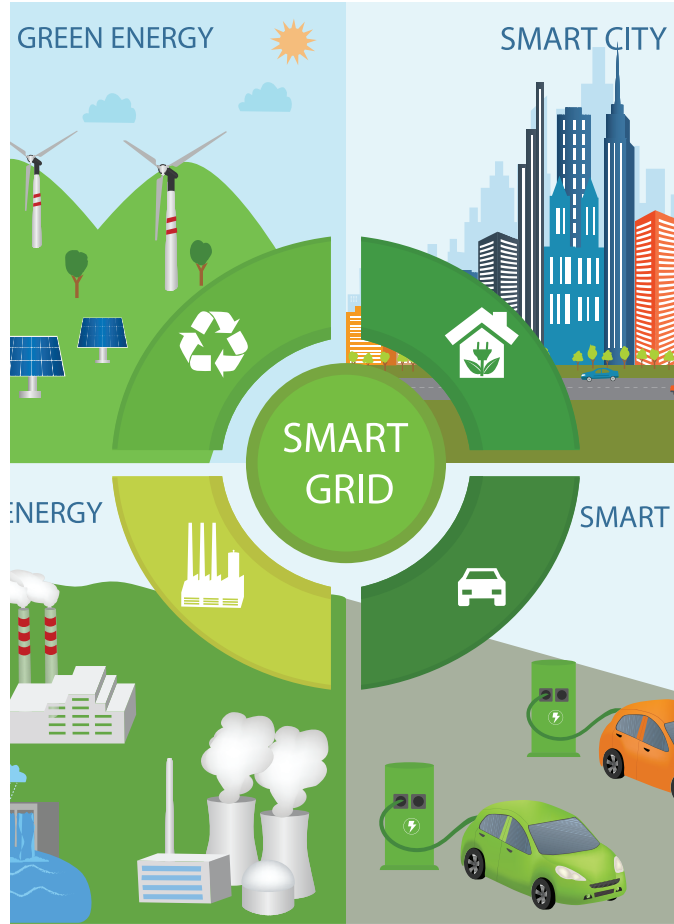


**Why design
a digital
marketplace
now?**



Today customers are not part of the market.

Two-Sided Markets





○ What makes data different as an asset class?

- Replication is at zero marginal cost
- Value is inherently combinatorial
- Prediction tasks and accuracy can vary widely
- Authenticity and value are difficult to verify
- Value depends on what others can access

