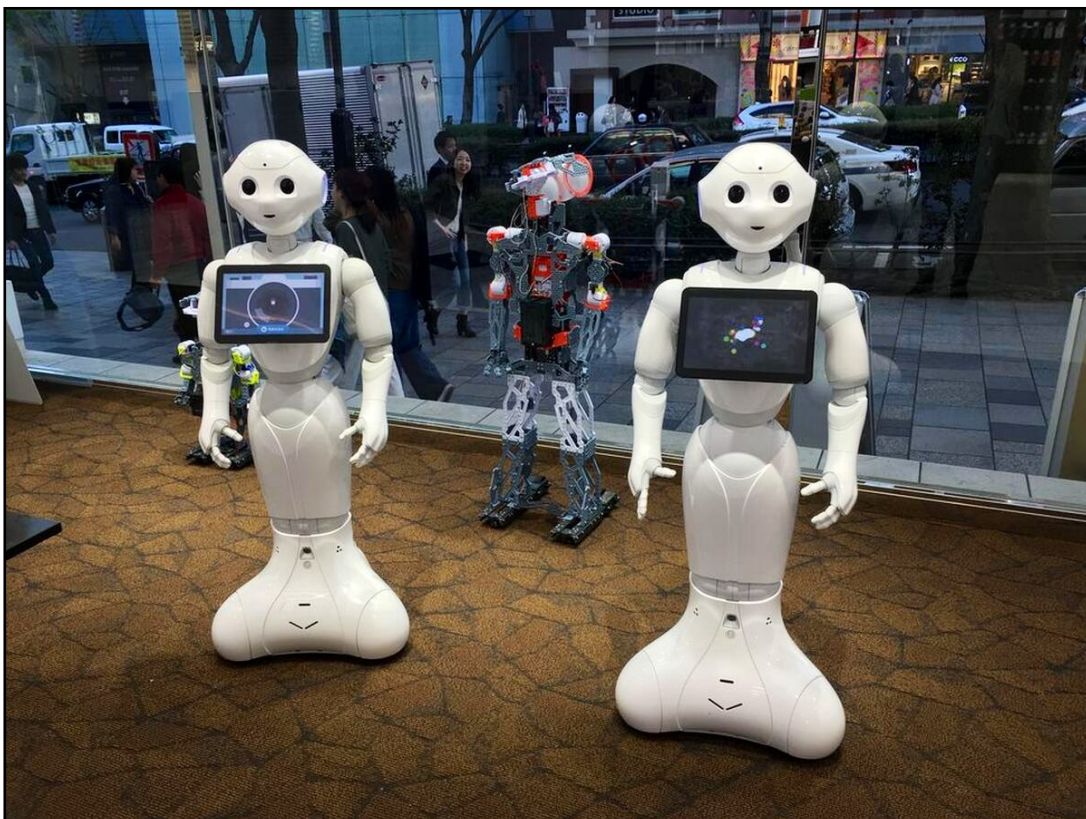## SoftBank
Robotics

PROPOSAL
Robots Guide People in New York Metro

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Who is SoftBank Robotics?

SoftBank Robotics is constantly exploring and commercializing all robotics solutions that help make people's lives easier, safer, more connected, and more extraordinary.

Problem Solving:

What is the Problem?

A traveler who is new in New York City gets lost in New York stations.

What is the solution?

The solution is Pepper 'humanoid' robot to guide the people who are lost in New York stations.

Data Description

The data that will be used in taking insights about the nature of subway stations congestion, and the number of enters registered per unit per station in New York City, is Metropolitan Transportation Authority (MTA). The data obtained from http://web.mta.info/developers/turnstile.html and includes 11 columns:

```
['C/A', 'UNIT', 'SCP', 'STATION', 'LINENAME',
'DIVISION', 'DATE', 'TIME','DESC', 'ENTRIES',
 'EXITS ]
```

Tools:

- Technologies: SQL, SQLite, Python, Jupyter notebook.
- Libraries: NumPy, Pandas, Matplotlib, Seaborn, SQLAlchemy.