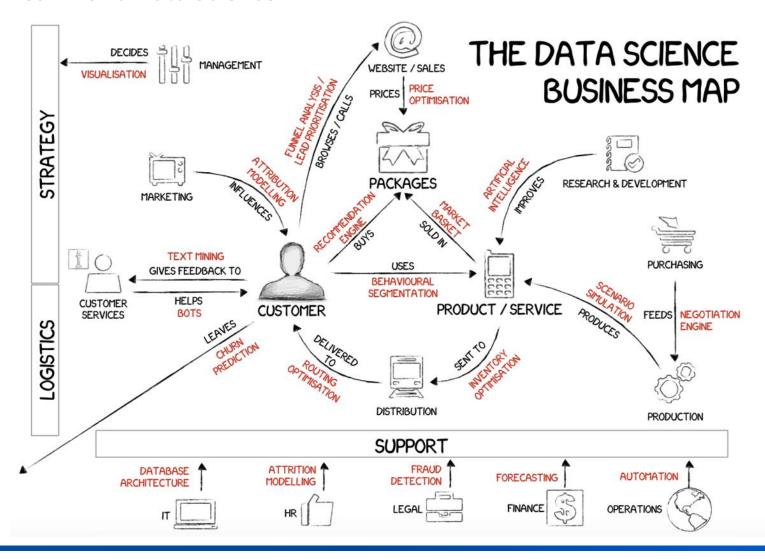
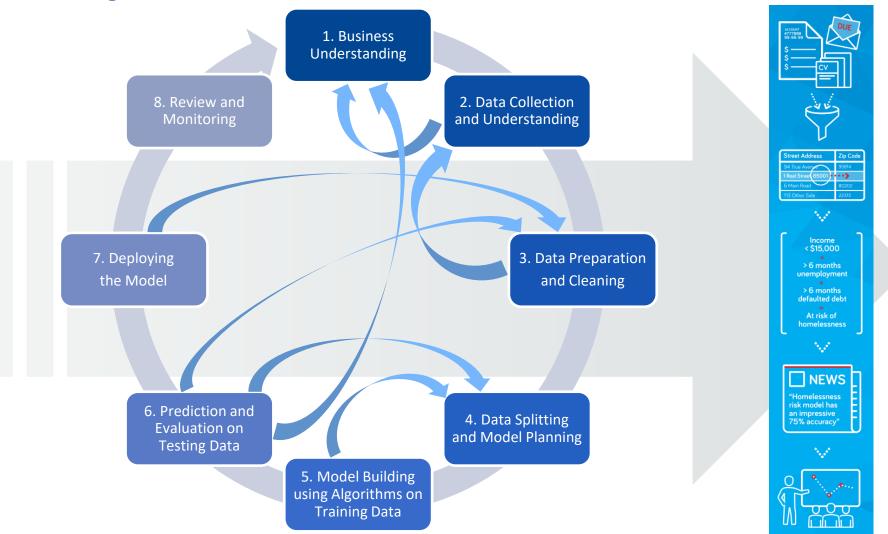
What is Data Science?

> The Real World Data Science



Data Science Process

→ Getting from Raw Data to Outcomes



> What should we do?





Marketing Distillery_com is a group of practitioners in the area of e-commerce marketing. Our fields of expertise include marketing strategy and optimization customer backing and one site analytics predictive analytics and econometrics data waverbouring and big data systems: marketing channel insights in Pad Seach, StD, Social, DRM and brand.



> Traditional Specialist of Data Science Team



Data Analyst (DA)

: Assist DS with domain understanding, data preprocessing and problem defining.



Data Scientist (DS)

: Prepares data, engineers features, most valuable skill: training models.



Data Engineer (DE)

: Data acquisition focus. Build data pipelines. Not uncommon to have 5:1 ratio DE:DS



Data Application Architect (DAA)

: Design complete solution; deploy and maintain models in production

> Typical Collaboration of Data Science Project

- Makes data science teams more productive
- Broad support for open source libraries in various languages











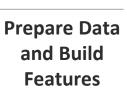




Understand
Business
Objectives



ID Mapping Procure Training Data



Train, Tune, and Test Models

Deploy and Operationalize Models

Update Models









TASKS

: In addition to advanced analytic skills, this individuals are also proficient at integrating and preparing large, varied datasets, architecting specialized database and computing environments, and communicating results.

MISSION

: A data scientist may or may not have specialized industry knowledge to aid in modeling business problems and with understanding and preparing data.

TALENT

: Creating value from data requires a range of talents from data integration and preparation, to architecting specialized computing/database environments, to data mining and intelligent algorithms.

RESPONSIBILITY

: An individual responsible for modeling complex business problems, discovering business insights and identifying opportunities through the use of statistical, algorithmic, mining and visualization techniques.

WE ALL CAN BE DATA SCIENTISTS NOW!

