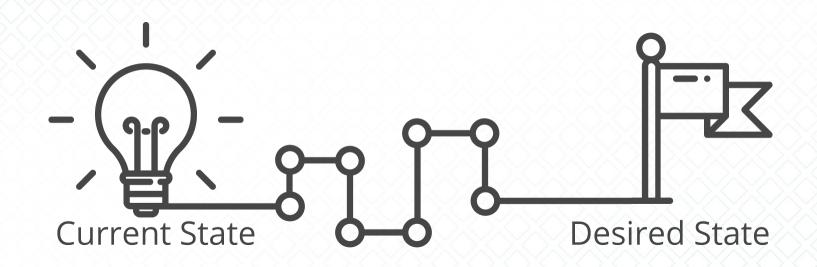
Scharter Specifican **1904labs

Positive Disruption of Data Management Through Automation
The Spectrum / 1904labs Story

The Challenge 00000 00000 00000



The Transformation







Charter Data Scientist To Be Scenario

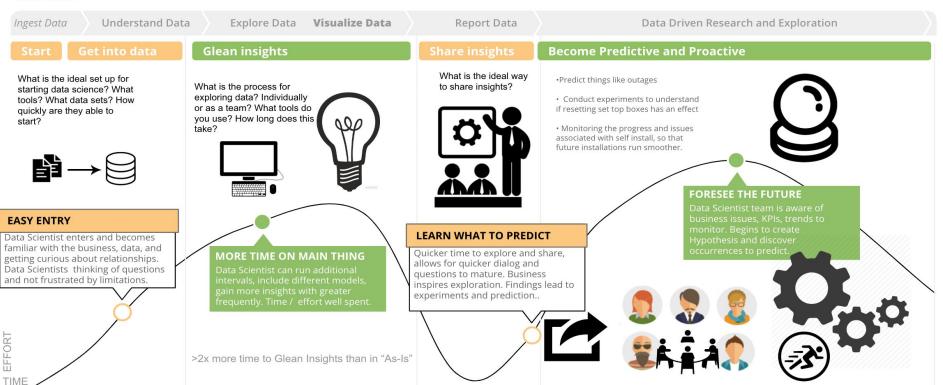
The following journeymap intends to convey the desired path of a Charter Data Scientist working with data accrued over time and turn that data into insights for improving efficiency and effectiveness of Charter today, and becoming a more proactive company in the future.

Goals & Motivations

- Tackle difficult challenges
- Improve business ability to learn and respond to issues

· Get clean data in

- · Transition from reactive to proactive
- $\bullet \text{Improve efficiency working data} \ \bullet \text{Make informed decisions to improve business}$



What We Learned

- Easy to understand simple to operate
- Automate, automate, automate
- Separate technology from the user
- Open book



What We Did



Open source

partitioner
Data
profiling
HDFS File
accumulator

Data

Custom UI to control components

Custom

Cluster spin up and upgrade automation

HDFS file quality checker

Custom alerting agent

Data

Governance components

Open source components

Modern Technology Maturity Survey



Can to take the survey



\$1904labs Startup Minds, Innovative Solutions

We help IT leaders implement modern software and data solutions by providing teams of innovative people who emphasize the customer and deliver results.

Q & A

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