

Onboarding the data science team

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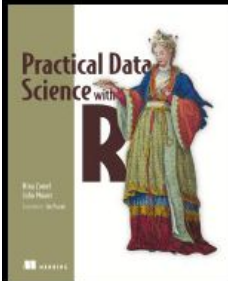
www.jtleek.com

Initial meeting
Overview
Expectations
Policies

ABOUT

The Win-Vector blog is a product of **Win-Vector LLC**, a data science consultancy. Contact us for custom consulting and training: contact@win-vector.com.

PRACTICAL DATA SCIENCE WITH R



INTRODUCTION TO DATA SCIENCE VIDEO COURSE



DATA SCIENCE, OPINION, PRAGMATIC DATA SCIENCE, PRAGMATIC MACHINE LEARNING, TUTORIALS

SETTING EXPECTATIONS IN DATA SCIENCE PROJECTS

🕒 APRIL 21, 2012 👤 JOHN MOUNT 💬 1 COMMENT

How is it even possible to set expectations and launch data science projects?

Data science projects vary from “executive dashboards” through “automate what my analysts are already doing well” to “here is some data, we would like some magic.” That is you may be called to produce visualizations, analytics, data mining, statistics, machine learning, method research or method invention. Given the wide range of wants, diverse data sources, required levels of innovation and methods it often feels like you can not even set goals for data science projects.

Many of these projects either fail or become open ended (become unmanageable).

As an alternative we describe some of our methods for setting quantifiable goals and front-loading risk in data science projects.

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TC TechCrunch

Forbes

WALL STREET JOURNAL

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Introductions

Data science team

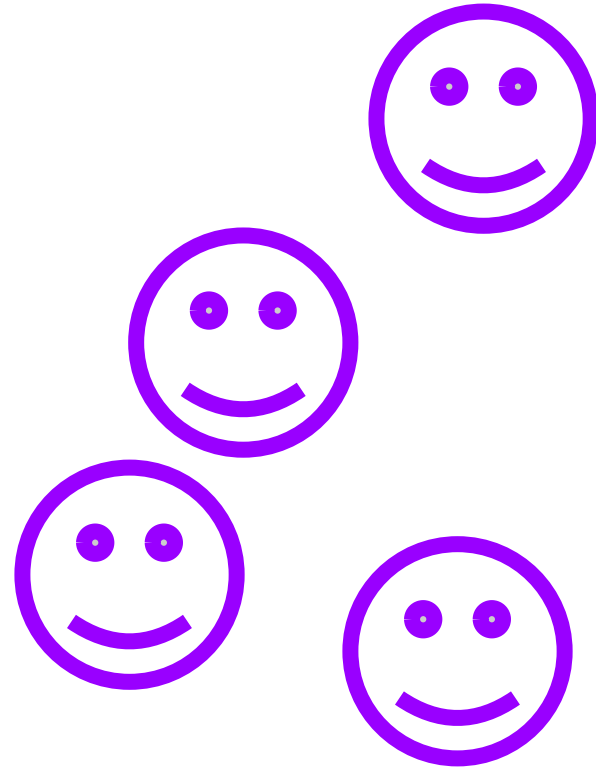
Other teams



Product



Data scientist



Marketing

Equipment and communication

Hardware

Software

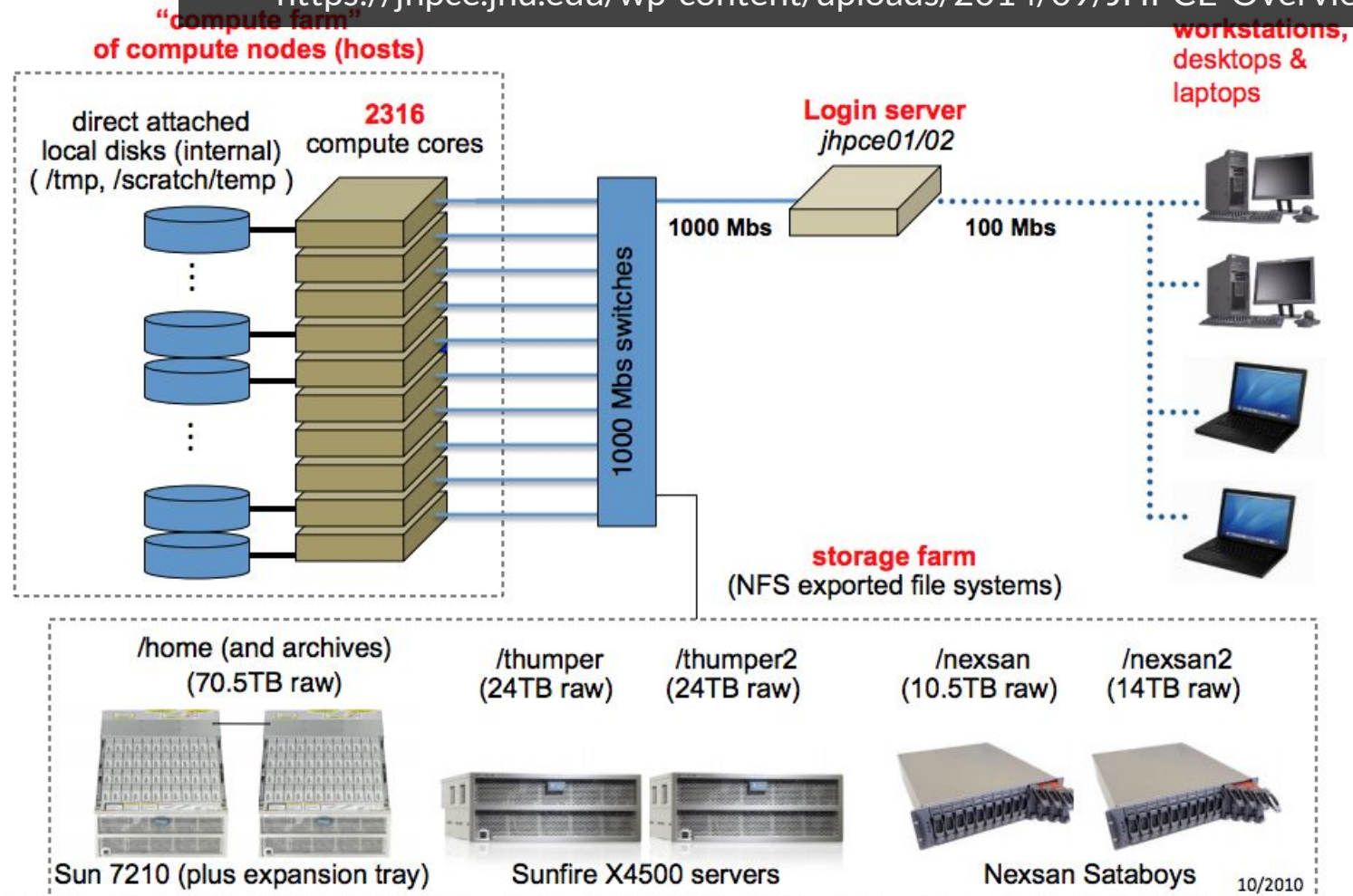
Communication channels

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Initial problem

Something to get started

Short duration

Concrete

Getting
Started

101

**Digit Recognizer**

Classify handwritten digits using the famous MNIST data

3 months
726 teams
813 scripts
Knowledge**Titanic: Machine Learning from Disaster**

Predict survival on the Titanic (using Excel, Python, R, and Random Forests)

3 months
3031 teams
920 scripts
Knowledge**Facial Keypoints Detection**

Detect the location of keypoints on face images

3 months
67 teams
Knowledge**First Steps With Julia**

Identify characters from Google Street View Pictures + tutorial with Julia.

3 months
54 teams
Knowledge