# **Design Thinking: Data Intelligence**

with Randall Elliott



# Sources and Inspiration

## **Articles**

Algorithm-Driven Design: How Artificial Intelligence Is Changing Design

10 Principles For Design In The Age Of Al

Recombinant Growth

Design In An Age of Artificial Intelligence

How brands are using artificial intelligence to enhance customer experience

You can be an AI designer (Introduces three stages of AI)

Design makes Al smarter

HOW ARTIFICIAL INTELLIGENCE IS TRANSFORMING PRODUCT AND MACHINE DESIGN

Al and the future of design: What will the designer of 2025 look like?

How to Build Great Products in the Al World

What are algorithms?

Data-driven vs. data-informed design in enterprise products

Experiments at Airbnb

Designing for emotional intelligence

Facebook tracks scary-specific details about your life. Here's how to find what it knows

#109 Is Facebook Spying on You?

The Provocation Creative Technique

Po (lateral thinking)

You Could Become an Al Master Before You Know It. Here's How.

**Human-Centered Machine Learning** 

#### **Books**

Machine Learning for Designers by Patrick Hebron

The Second Machine Age by Erik Brynjolfsson

Superintelligence by Nick Bostrom

Rise of the Robots: Technology and the Threat of a Jobless Future by Martin Ford

Machine, Platform, Crowd: Harnessing our Digital Future by Andrew McAfee

The Industries of the Future by Alec Ross

Humans Need Not Apply: A Guide to Wealth and Work in the Age of Artificial Intelligence by Jerry Kaplan

Handbook of Data Visualization edited by Chun-houh Chen, Wolfgang Karl Härdle, and Anthony Unwin

### **Presentations**

http://hci.stanford.edu/courses/cs448b/f11/lectures/CS448B-20111006-EDA.pdf