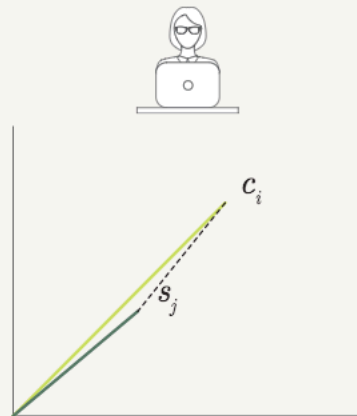


Algorithms Tour

How data science is woven into the fabric of Stitch Fix



$$\log \frac{p}{1-p} = a + X\beta + Zb$$

...

$$\min_a \sum_i \sum_j a_{ij} q_{ij}$$

$$s.t. \ a_{ij} \in \{0,1\}, \forall i,j$$

$$\sum_j a_{ij} = 1 \ \forall i$$

$$\sum_i a_{ij} < k_j \ \forall j$$

...

$$\frac{\partial x}{\partial t} = f(x_t, u_t, w_t)$$

...

$$p(i \rightarrow j) = \text{logit}(\beta_0 + \beta_1 x_1 \dots)$$

...

$$p(1) = \beta \text{ ex_cell} + a, p(1 | \text{stylist})$$

