

STINT Spring Hackathon: Case Studies

	Duration	Distance	Specific Rate	General Rate	Specific Stints	General Stints	Desirability
Jane	4	11.5	-0.2	0	3	10	0.37
Nicola	4	12	0.4	0	6	8	0.64
Laura	1	7.5	0.2	0.1	3	5	0.43
Sam	2	3	0.3	0.15	13	22	0.8
Sol	2	3	0.15	0.3	10	24	0.79
John	3	1.5	0.35	0.3	8	10	0.82
Kate	3	3	0.1	0.1	1	1	0.41
Filippo	4	1	0.6	0.4	3	5	0.63

- Nicola and Jane both live very far away, but Jane did not perform well in the specific STINTs she completed, while Nicola knows did.
- Laura lives far away and the duration of the STINT is very short. She's average in the other categories.
- Sam and Sol live together, and compete for the same STINTs. They both completed a similar amount of specific and general stints, but Sam was better in the specific, while Sol in the general ones.
- John has overall very good statistics, meaning his desirability will be high. There is a probability that he will be assigned to a new business so as to give a good impression to new STINT customers.
- Kate has average distance and duration. She was above average in the ratings but only did one STINT. She will be assigned directly to an average business, independently of her desirability.
- Filippo lives in central London, and is very good at what he does, but doesn't have a lot of experience.

The desirability of the people in the case study, is, on average, higher than the average desirability calculated using the algorithm. This is because, having been crafted ad hoc, these students embody the statistics that we expect will be average at STINT in the future, rather than now: in fact, as the app becomes more popular and widespread, and students gather more experience, the average value of desirability will go up.

That being said, even with the current statistics, although desirabilities are lower, it is possible to draw conclusions regarding the students. This is because the matching between students and businesses is not based on the sheer value taken in isolation, but rather on how the value compares to that of the other students.