



# Build your Own Job V2.0

How to solve the 'Need a job to get  
experience and need experience to get a  
job conundrum'.



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# The Problem

As a new industry, Data Science is growing fast but it is still an immature industry.



# For New Data Scientists

They need experience to get jobs, but there are very few entry level jobs and internships. How can they get experience in Data Science without having access to jobs?





# For Companies

Big experienced companies have limited entry level jobs.

Big, inexperienced companies are just starting to learn  
how to hire.

SMBs are just starting to hire and most of the time they  
only have a budget for one Data Scientist.

Startups need Data Scientists, but again, have a limited  
budget and want experienced people.

# Bridging the Gap

Need Experience  
to get Job



Need Job to get  
Experience

We have a few options to bridge this gap.



# Internships



The Good: If you land in a good established team, you will learn a LOT and gain important experience.



They are very limited, highly competitive, and, if not set up well, learning and experience gaining is very limited.

# Competitions

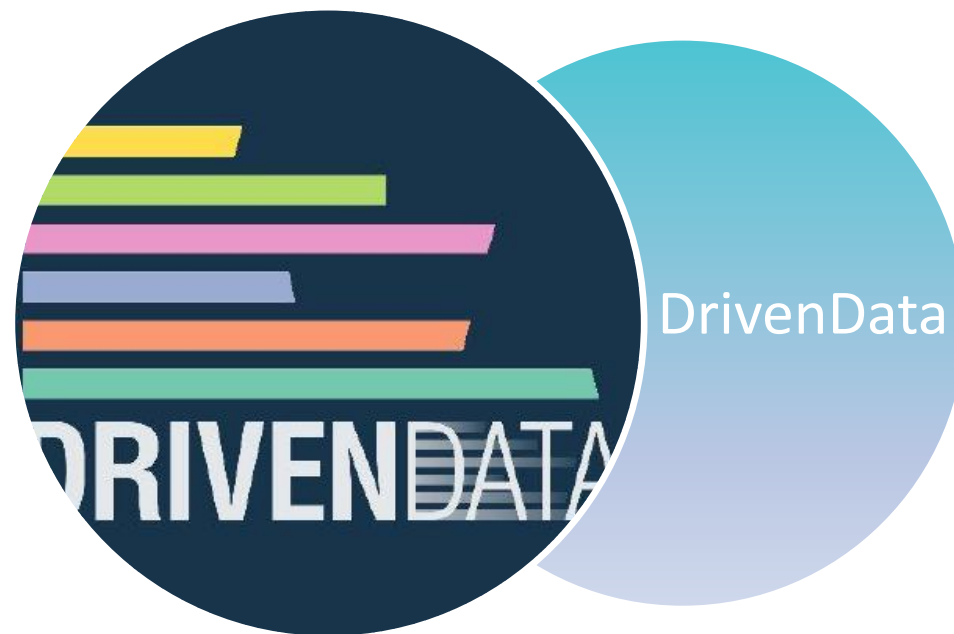


Great for testing your DS skills and getting recognition

Will put your DS and ML skills to the test, give you recognition and, if you win, maybe even some cash.

## Limited Real World Experience

The data tends to be clean and already there. The problem is already chosen, and you only get to work on building a "better mousetrap".





```
self.file = None
self.fingerprints = set()
self.logdupes = True
self.debug = debug
self.logger = logging.getLogger(__name__)
if path:
    self.file = open(os.path.join(settings.LOG_DIR, 'fingerprints.log'), 'a')
    self.file.seek(0)
    self.fingerprints.update(self.request_fingerprint(request))

@classmethod
def from_settings(cls, settings):
    debug = settings.getbool('SUPERSITE_DEBUG')
    return cls(job_dir(settings), debug)

def request_seen(self, request):
    fp = self.request_fingerprint(request)
    if fp in self.fingerprints:
        return True
    self.fingerprints.add(fp)
    if self.file:
        self.file.write(fp + os.linesep)

def request_fingerprint(self, request):
    return request_fingerprint(request)
```

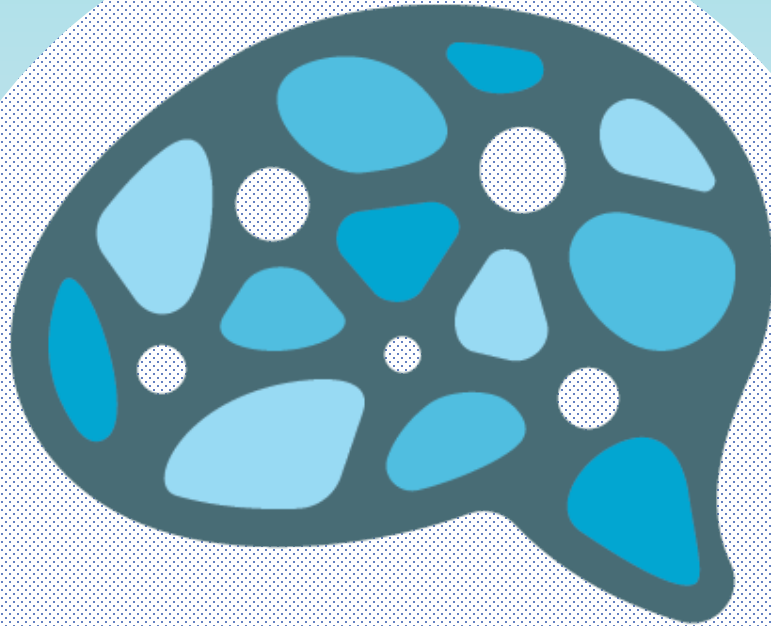
# Project Building

Great for learning and improving your skills. Focused on predefined problems, and everyone is probably either done them already or working on them.

# DATApreneurship

Work on what you want to work and learn while you do it. Literally Build your Own Job.





DATApreneurs

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## 1. Work on what is interesting and important to YOU

What pains you? What problems from the world, your community or your life do you want to solve? You get to work on what you care about and start making a difference.

## 2. Real World Work – From Problem to Deployment

You get to experience the whole cycle of a project, from defining a problem to work on, gathering data, cleaning, model building, testing and deployment.



# Why DATApreneurship?

Reasons why DATApreneurship is my Favorite option.





### 3. Working with Real Data AS IS

You get to collect, scrape or gather your own data. Learning the challenges and producing new solutions for this. No pre cleaned datasets.

### 4. Business and Working Understanding

Learn more about a specific business, its challenges and issues, as well as getting a real idea of real-life work where, most of the time, you are your only guidance.



## Why DATApreneurship?

Reasons why DATApreneurship is my Favorite option.



## 5. Developing New Skills

It will help you get new technical skills as well as develop social and emotional skills which are invaluable in the future.

## 6. Building a Business that YOU Own

You get the chance of building your own business.

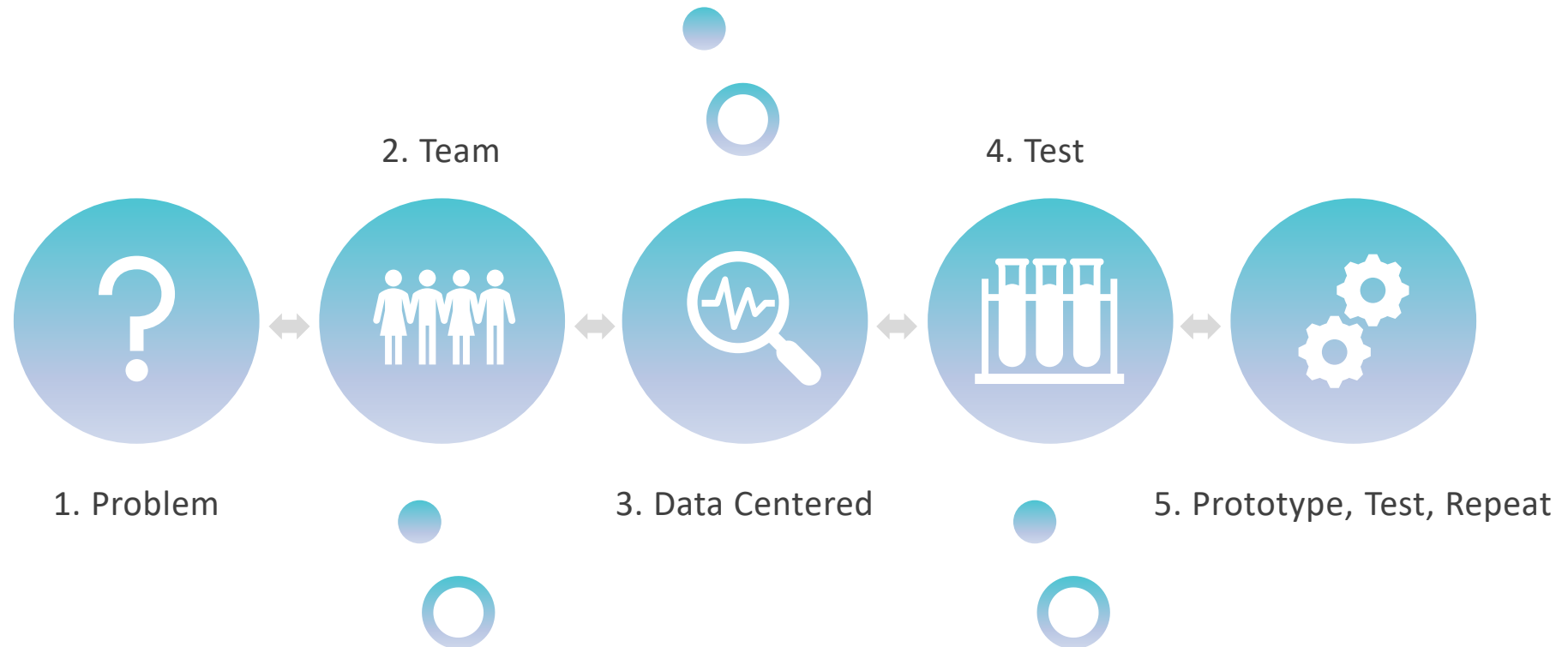


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# How to Get Started?



# GREAT companies start with a GREAT problem.

It is not about ideas, it is about choosing a big and important problem, and then understanding the problem intimately before you start developing solutions.



The worlds  
BIGGEST problems  
are the worlds  
BIGGEST markets.



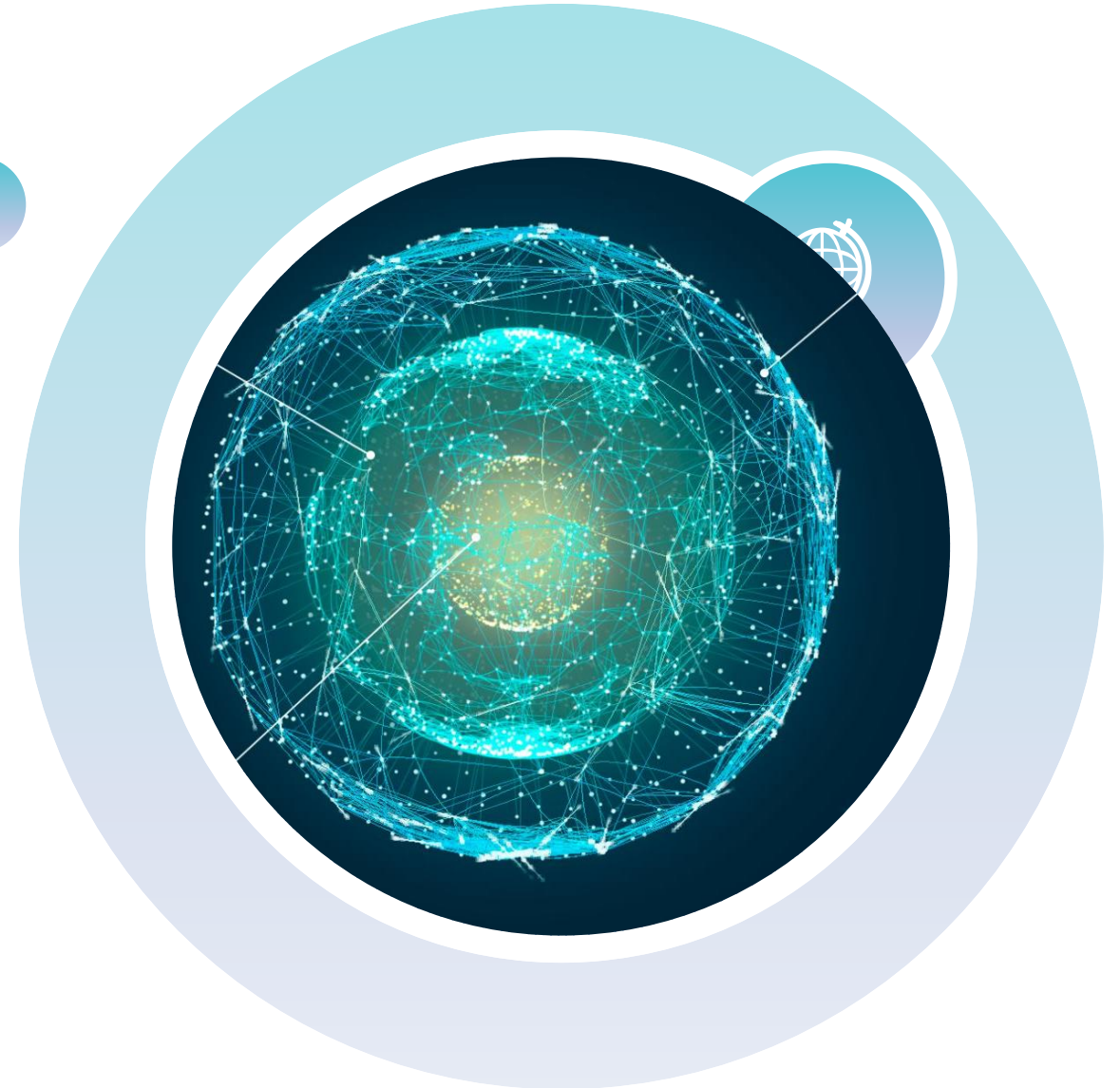


# Team

No one can accomplish great things in a vacuum, go out and find people who also care about your problem and build a team that has all the skills you need to succeed.

# DATAcentric...

Be one with the data. Look up all the data you can find on the problem, on previous solutions, and use that data to produce new and useful solutions.





**FAIL  
FAST  
AND  
CARRY  
ON**

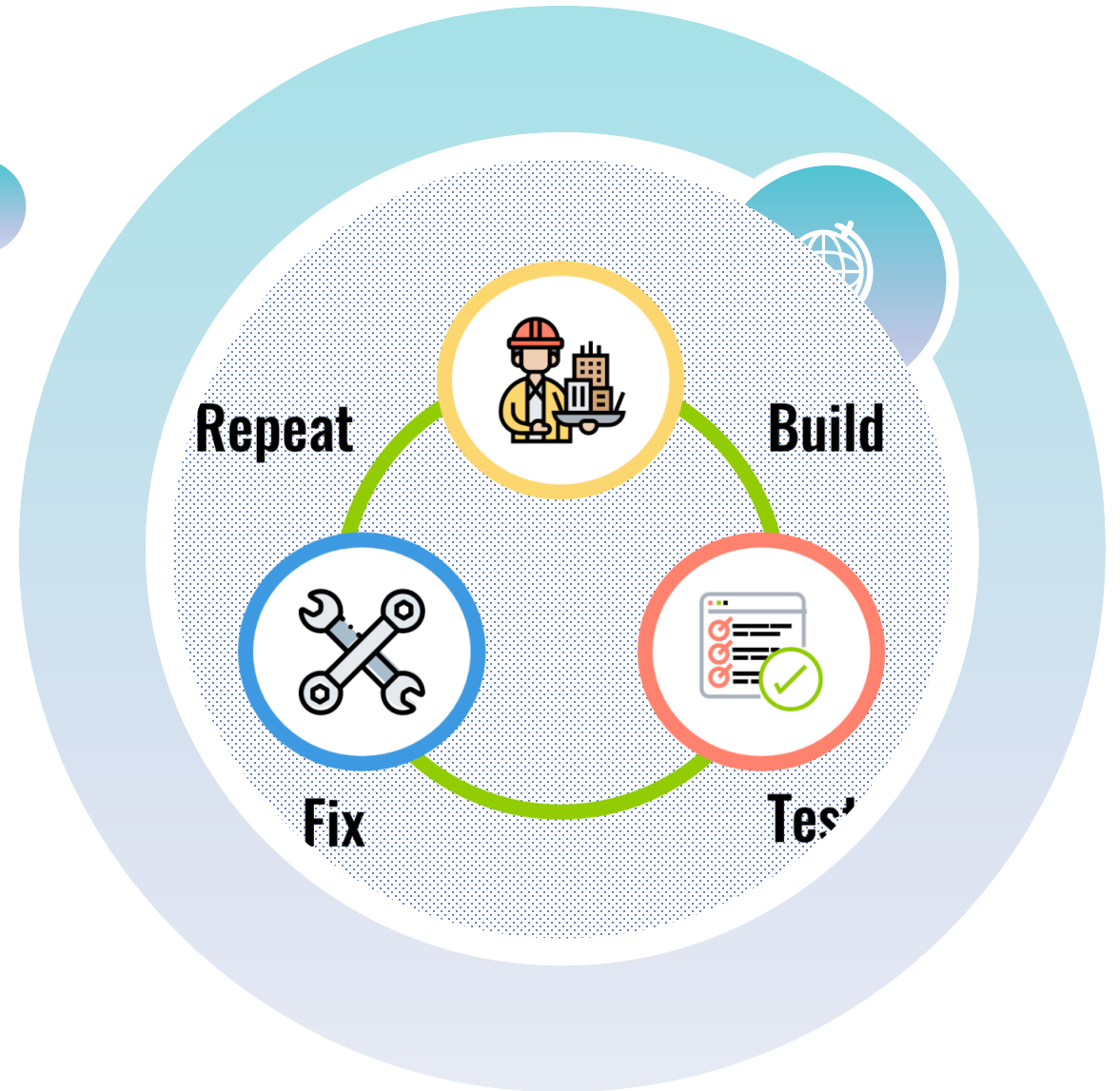
# Test: Fail Fast and Fail Cheap

The only way to know if something works is to test it, so go out and test, from the concept, to the initial solution idea, to a more elaborate prototype, test every step of the way. The faster and cheaper you fail, the faster you will succeed.



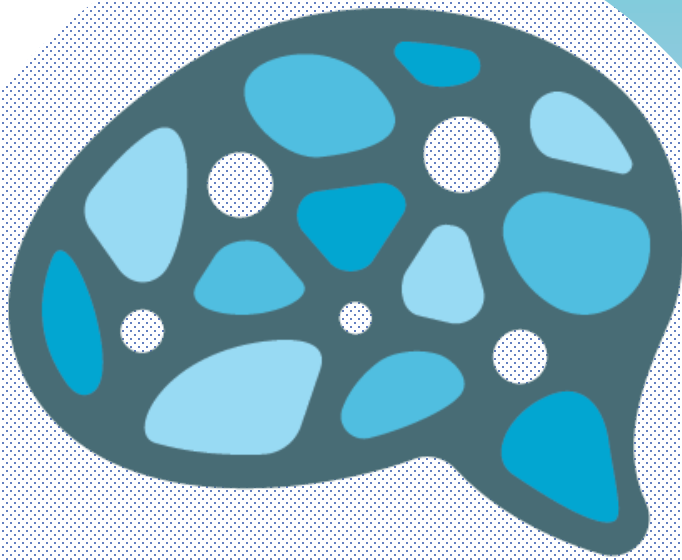
# Prototype. Test. Repeat...

It is that simple. Have an idea. Test it. Make it better. Test again. Improve again. Test. Pivot. Test. Keep going until you have something sellable.





# Sell, Sell and Sell



DATApreneurs



# DATApreneurs

You can join us at DATApreneurs, an initiative looking to help Data Scientists, ML practitioners and AI experts and enthusiasts create new Data Centered businesses.

# Thanks

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## DATApreneurs

<https://discord.gg/g3T4GJSFZr>