

# SPRINT 2

MARKUS, LARS, SANDER, ASBJØRN

# **OVERSIKT**

# **Sprint I:**

Oversikt og klarhet i prosjektet, strategi og slagplan

#### **Sprint 2:**

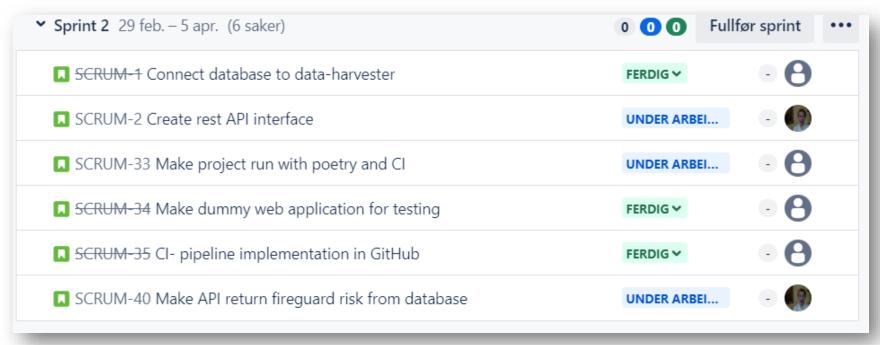
Implementere arbeidsflyten. Fundamental funksjonalitet på plass

#### **Sprint 3:**

Fokus på deployment. Docker, kubernetes + user stories

# MÅLOPPNÅING FORRIGE SPRINT

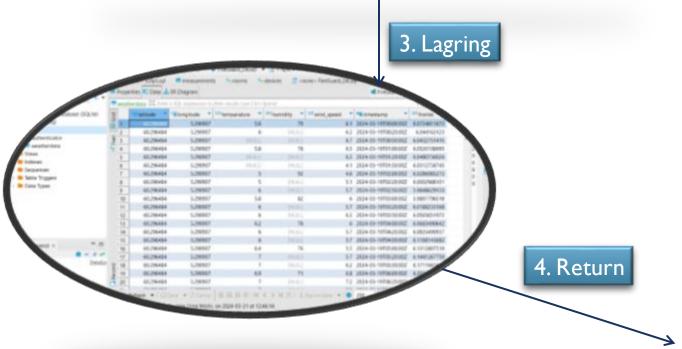
- Jira backlog god endring
- Ferdig implementet arbeidsflyt i prosjektet
  - Fra input av lokasjon → output av TTF





### 2. Lat, long $\rightarrow$ Firerisk

compute\_now(self, location: Location, obs\_delta: datetime.timedelta) -> FireRiskPrediction.



Enter Address:  Get Coordinates		Address to Coordinates
		Enter Address:
		Get Coordinates
	nde: 58.543391	
	tude: 11.478889	
sde: 11.478889	l- High	

# KVAR ER VI NO? DATABASE:

- Primary keys
- Videre mulighet for å hente tidsavhenging informasjon

	¹²ã latitude ▼	¹ã longitude ▼	<sup>123</sup> temperature	<sup>123</sup> humidity	123 wind_speed	•	<b>ANS</b> timestamp ▼	123 firerisk
1	60.296484	5.290907	5.6	79	6	6.1	2024-03-19T00:00:00Z	6.0724811672
2	60.296484	5.290907	6	[NULL]	6	6.2	2024-03-19T00:20:00Z	6.044163123
3	60.296484	5.290907	[NULL]	[NULL]	6	6.7	2024-03-19T00:50:00Z	6.0432751415
4	60.296484	5.290907	5.8	78	6	6.5	2024-03-19T01:00:00Z	6.0520108995
5	60.296484	5.290907	[NULL]	[NULL]	6	6.2	2024-03-19T01:20:00Z	6.0480736026
6	60.296484	5.290907	[NULL]	[NULL]	4	4.1	2024-03-19T01:50:00Z	6.0312738745
7	60.296484	5.290907	5	92	2	4.6	2024-03-19T02:00:00Z	6.0286085272
8	60.296484	5.290907	5	[NULL]	5	5.1	2024-03-19T02:20:00Z	6.0002988101
9	60.296484	5.290907	6	[NULL]	5	5.7	2024-03-19T02:50:00Z	5.9848629133
10	60.296484	5.290907	5.8	82		6	2024-03-19T03:00:00Z	5.9897796518
11	60.296484	5.290907	6	[NULL]	5	5.7	2024-03-19T03:20:00Z	6.0188233168
12	60.296484	5.290907	6	[NULL]	6	6.2	2024-03-19T03:50:00Z	6.0565651972
13	60.296484	5.290907	6.2	78		6	2024-03-19T04:00:00Z	6.0683490642
14	60.296484	5.290907	6	[NULL]	5	5.7	2024-03-19T04:20:00Z	6.0833490937
15	60.296484	5.290907	6	[NULL]	5	5.7	2024-03-19T04:50:00Z	6.1168143682
16	60.296484	5.290907	6.4	76	5	5.5	2024-03-19T05:00:00Z	6.1312807519
17	60.296484	5.290907	7	[NULL]	5	5.7	2024-03-19T05:20:00Z	6.1441267759
18	60.296484	5.290907	7	[NULL]	6	6.2	2024-03-19T05:50:00Z	6.1711663437
19	60.296484	5.290907	6.9	71	6	6.8	2024-03-19T06:00:00Z	6.2014740792
20	60.296484	5.290907	7	[NULL]	7	7.2	2024-03-19T06:20:00Z	6.2459137927
~-	CO 30C 404	F 300007	. 7	78 11 11 12	,	^ ^	2024 02 40705 50 007	C 370E40034E

#### KVAR ER VI NO?

- Cl pipeline satt opp
  - Ingen integration test
- Environment secrets i GitHub
  - gitignore

#### build

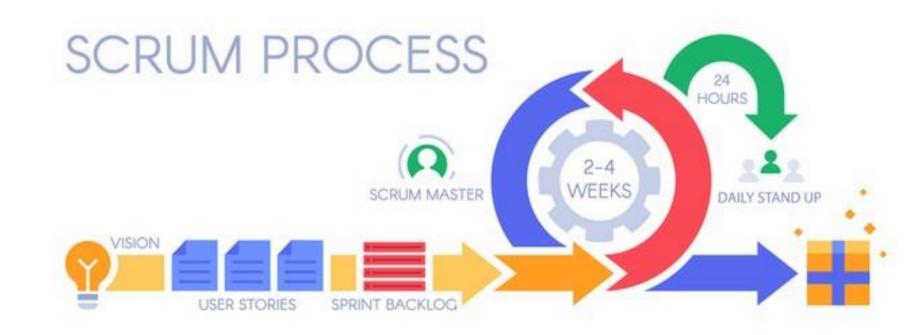
failed 32 minutes ago in 36s

- > 🕝 Set up job
- > Run actions/checkout@v3
- > 🕢 Set up Python 3.12
- > 🕢 Install Poetry
- > 🐶 Install dependencies
- > 🔞 Integration Test with pytest
  - Post Set up Python 3.12
- Post Run actions/checkout@v3
- Ocomplete job

```
runs-on: ubuntu-latest
steps:
- uses: actions/checkout@v3
- name: Set up Python 3.12
  uses: actions/setup-python@v3
  with:
    python-version: "3.12"
- name: Install Poetry
  run: |
    python -m pip install --upgrade pip
    pip install --user pipx
    pipx install poetry
    pip uninstall decouple
    pip install python-decouple
- name: Install dependencies
  run:
    poetry install
- name: Unit Test with pytest
   MET_CLIENT_ID: ${{ secrets.MET_CLIENT_ID }}
   MET_CLIENT_SECRET: ${{ secrets.MET_CLIENT_SECRET }}
  run:
    poetry run pytest tests
- name: Integration Test with pytest
   MET_CLIENT_ID: ${{ secrets.MET_CLIENT_ID }}
   MET_CLIENT_SECRET: ${{ secrets.MET_CLIENT_SECRET }}
  run: |
    poetry run pytest integ_tests
```

# AGIL UTVIKLING

- Scrummøter stort sett onsdag og torsdag
- Fordeling/plukking av oppgåver
- Arbeid mot eit felles mål med kontinuerlig samkøyring



#### **NESTE SPRINT:**

- Fokusområde:
  - Docker containers
  - Kubernetes orkestrering
- Fortsette backlog i Jira
- Mulighet for fleire user stories

og utviding av tenesta

