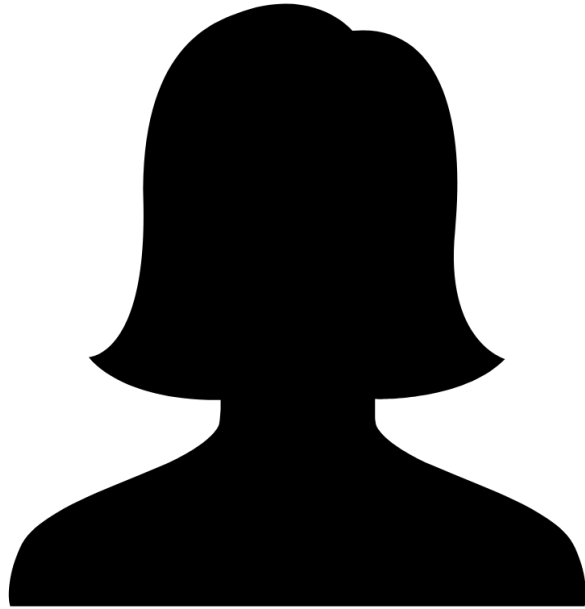




Going from Sue Doe to John Doe

Karim Bouayad-Gervais, PhD

Sue Doe to John Doe



- Fluent programmer
- Data enthusiastic
- Might know Fortran



- Can access emails
- Master of Excel
- Might know a programmer



The Samaha Lab



Dr. Anne-Noël Samaha
Aissatou Ndiaye



A lot of small datasets



How did they do it?



- Inefficient manual process
- Error-prone and not reproducible
- Very limited technical resources



Managed Research Platform



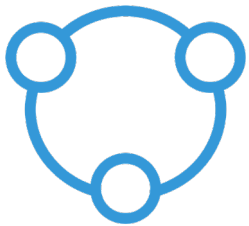
Integration

All the information in one place



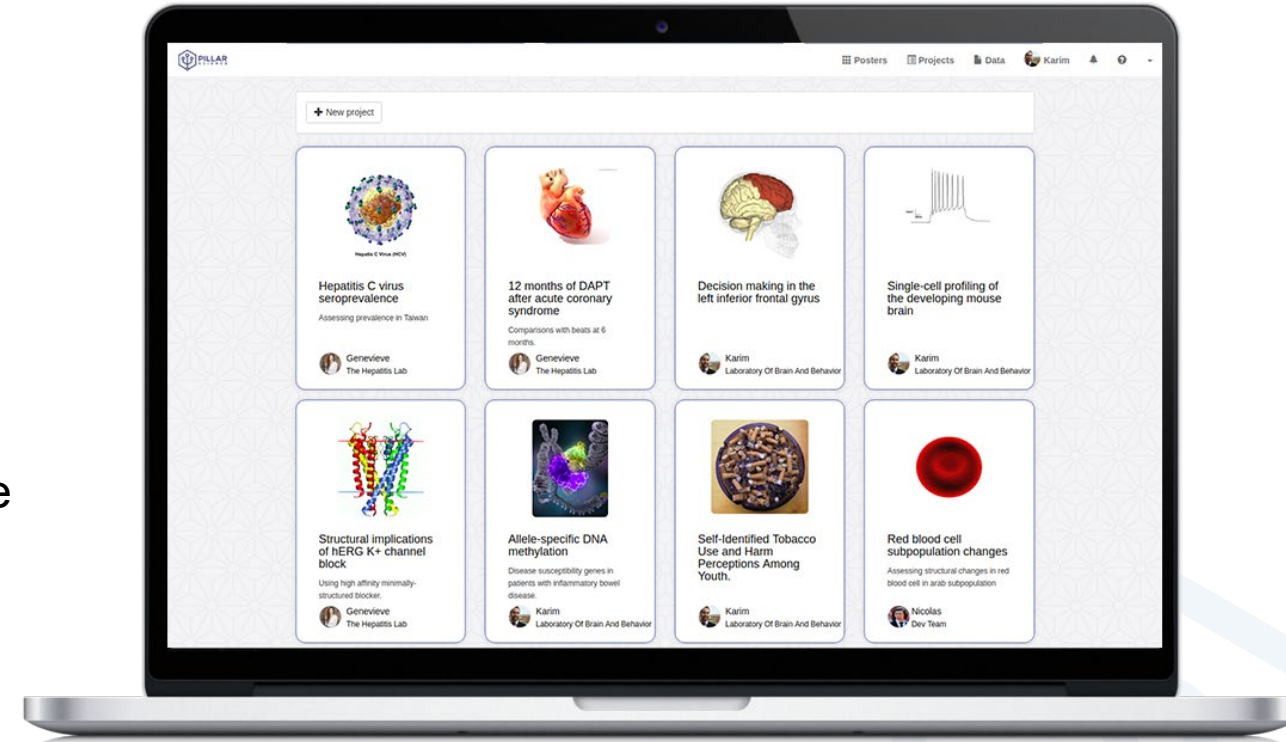
Analysis

Streamline, automate and accelerate



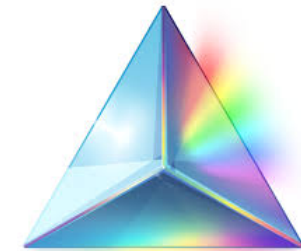
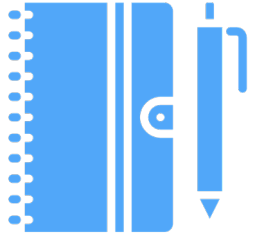
Collaborate

Connect with collaborators



A GUI they already know

	A	B	C	D	E	F▼	G
1	Group	Subject	Time	Systol	Diastol	Temperature	Pression
2	Control	A2	0	73	68	35.0	80.5
3	Treatment	A6	0	77	72	35.0	91
4	Treatment	A6	60	43	38	35.0	94.5
5	Treatment2	A15	30	48	43	35.0	73.5
6	Treatment	A8	0	75	70	34.9	94.23
7	Treatment	A9	0	76	71	34.9	80.27
8	Treatment2	A12	0	77	72	34.9	83.76
9	Treatment2	A12	60	44	39	34.9	90.74
10	Control	A3	60	34	29	34.8	97.44
11	Control	A5	120	39	34	34.8	104.4
12	Treatment	A7	0	74	69	34.8	73.08
13	Treatment	A8	30	41	36	34.8	100.92
14	Treatment2	A11	0	77	72	34.8	87



Benefits



70% Faster



Increased reproducibility



Reduced costs



What's next



So far

- Fully managed service
- Data backup
- Compliant data storage
- Project management
- Statistical analyses
- Advanced charting
- Full reproducibility
- Audit logs

Next

- Support researchers with FAIR
- Make more analytic pipelines available
- Improve UX





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