CS50 for MBAs

cs50.harvard.edu/mba

Technology Stacks

- frameworks, interfaces, languages

ACT.md

Patrick Schmid

patrick@act.md

Dashboard   Patients ⊕   Projects ⊕   Providers   Analytics

Assigned to me **14**

Recently completed by me **37**

Flagged **2**

At-risk **4**

Watched **0**

Assigned to others by me **72**

Completed by others **81**

🔄 Refresh   🔻 Filter...

Ann Bailey
DOB 1 Jan 1971

Finish ▾	Assigned to You	‼️ Event: Inpatient (Emergency) Admission Expected 4/23 `Due yesterday`	›
Finish ▾	Assigned to You	💪 Coordinate Physical Therapy home care services `Due tomorrow`	›
Finish ▾	Assigned to You	Discussion: Risk of Suicide - Grief Support? `Due 9 May`	💬1 🚩 ›

Frank Farthington
DOB 19 Apr 1945

| Finish ▾ | Assigned to You | ‼️ Event: Inpatient (Emergency) Admission Expected 4/25 `Due yesterday` | › |
| Finish ▾ | Assigned to You | 📝 Home Assessment `Due 3 May` | › |

Adam Aaronson
DOB 1 Jan 1960

| Finish ▾ | Assigned to You | 🏠 Find financial assistance for housing `Due today` | › |
| Finish ▾ | Assigned to You | 📝 Health Confidence Assessment `Due 27 Apr` | › |

Mary Martin
DOB 2 Nov 1949

| Finish ▾ | Assigned to You | 📝 LACE Readmission Risk Assessment `Due tomorrow` | › |

Suzie Johnson
DOB 1 Jan 1984

| Finish ▾ | Assigned to You | Locate breast cancer survivorship support groups `Due 28 Apr` | › |

Bill Bates
DOB 1 Jan 1960

| Finish ▾ | Assigned to You | Discussion: Support groups available for Bill `Due 3 May` | › |

Diane Decker
DOB 1 Jan 1940

| Finish ▾ | Assigned to You | ❤️ Schedule cardiology appointment `Due 3 May` | 💬1 › |
| Finish ▾ | Assigned to You | Discussion: 🏠 Home care options `Due 7 May` | 💬1 › |

Dashboard **Patients** ⊕ Projects ⊕ Providers Analytics

👤 New patient | ☰ Add multiple

All My Patients (16)

	Name	DOB	MRN	City / State

All My Patients

My Active Patients

All Patients

Reminder Search ✕

Review search ✕

Patient Tags

Not Yet Enrolled

▸ Filters

0 patients selected

Assign act »

◉ ☑ Show Acts
○ 🔔 Show Notifications
○ ⊖ Collapse all

Aaronson, Adam
Frequent ED Visits | $$ | high-risk | more...
1 Jan 1960
56 years young

| Finish ▾ | Assigned to **You** | 🏠 Find financial assistance for housing | Due today | › |

| Finish ▾ | Assigned to **You** | 📝 Health Confidence Assessment | Due 27 Apr | › |

| Finish ▾ | Abby Aaronson Wife | Reminder: On site wellness event | Due 29 Apr | › |

| Finish ▾ | Adam Aaronson Patient | Welcome! | Due 4 May | ⚠ › |

| Finish ▾ | Adam Aaronson Patient | Keep your health and caregiving contacts in ACT.md | Due 5 May | ⚠ › |

| Finish ▾ | Adam Aaronson Patient | Have a question? Ask Jess, Your Nurse Coach | Due 6 May | ⚠ › |

Abbot, Alice
Housing referral | Hx of Substance Abuse | Hypertension | more...
1 Jan 1948
68 years young

| Finish ▾ | Christina Strubbe Social Worker | 📝 Enroll in Medicaid | Due today | › |

| Finish ▾ | Christina Strubbe Social Worker | 🏠 Help Alice fill out housing application | Due 28 Apr | › |

| Finish ▾ | Alice Abbot Patient | Set your quit date | Due 29 Apr | › |

| Finish ▾ | Alice Abbot Patient | Eating healthy | Due 3 May | › |

| Finish ▾ | Linda Young Community Health ... | Assist Alice with Transportation for PCP Appointment on 3/6 | Due 3 May | 💬1 › |

Adams, Ava
EDVR Use | Complex CM | High Pulse | more...
1 Jan 1970
46 years young
Belmont, MA

Dashboard **Patients** ⊕ Projects ⊕ Providers Analytics

Adam Aaronson

Male   Born 1 Jan 1960   Age 56
English

Frequent ED Visits $$
high-risk   SOE: Hypertension
Change tags

Adam has been invited to join
ACT.md, but has not yet enrolled.

Find services...

Aetna (UNITE)
W00000000077789

To Do 6   Care Plan   Patient   Team 5   Calendar   Files   History   Updates

☰ Assign many...   ⧉ Copy summary to clipboard   💬 New discussion...   👓 All acts

☑ New health act...   ⋯   Assign to   ▾   📅 Due date   ✓

Finish ▾	Assigned to **You**	🏠 Find financial assistance for housing	Due today	›
Finish ▾	Assigned to **You**	📝 Health Confidence Assessment	Due 27 Apr	›
Finish ▾	Abby Aaronson Wife	⏰ Reminder: On site wellness event	Due 29 Apr	›
Finish ▾	Adam Aaronson Patient	🌱 Welcome!	Due 4 May	⚠ ›
Finish ▾	Adam Aaronson Patient	👪 Keep your health and caregiving contacts in ACT.md	Due 5 May	⚠ ›
Finish ▾	Adam Aaronson Patient	❓ Have a question? Ask Jess, Your Nurse Coach	Due 6 May	⚠ ›

Dashboard **Patients** ⊕ Projects ⊕ Providers Analytics

Adam Aaronson

Male   Born 1 Jan 1960   Age 56
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Frequent ED Visits $$
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Find services...

Aetna (UNITE)
W00000000077789

To Do 6   Care Plan   Patient   **Team** 5   Calendar   Files   History   Updates

👤 Add a new family member   👤 Add a new care provider   👥 Add many providers...

Patient & Family

Abby Aaronson
Wife ✏️ Proxy

Remove as proxy
Remove from team

✉️ abby.aaronson@gmail.demo

Adam Aaronson
Patient

Resend invitation

📍 15 Sewell Ave
Atlantic City, NJ 10036

Better Practice of the Future

Melvin Anderson, MD
Cardiologist ✏️

Remove from team

📞 617-555-1111
✉️ melvin@bpf.demo
📍 1 Main Street
Boston, MA 11111

Narath Carlile, MD
Primary Care Physician ✏️

Remove from team

📞 617-555-1111
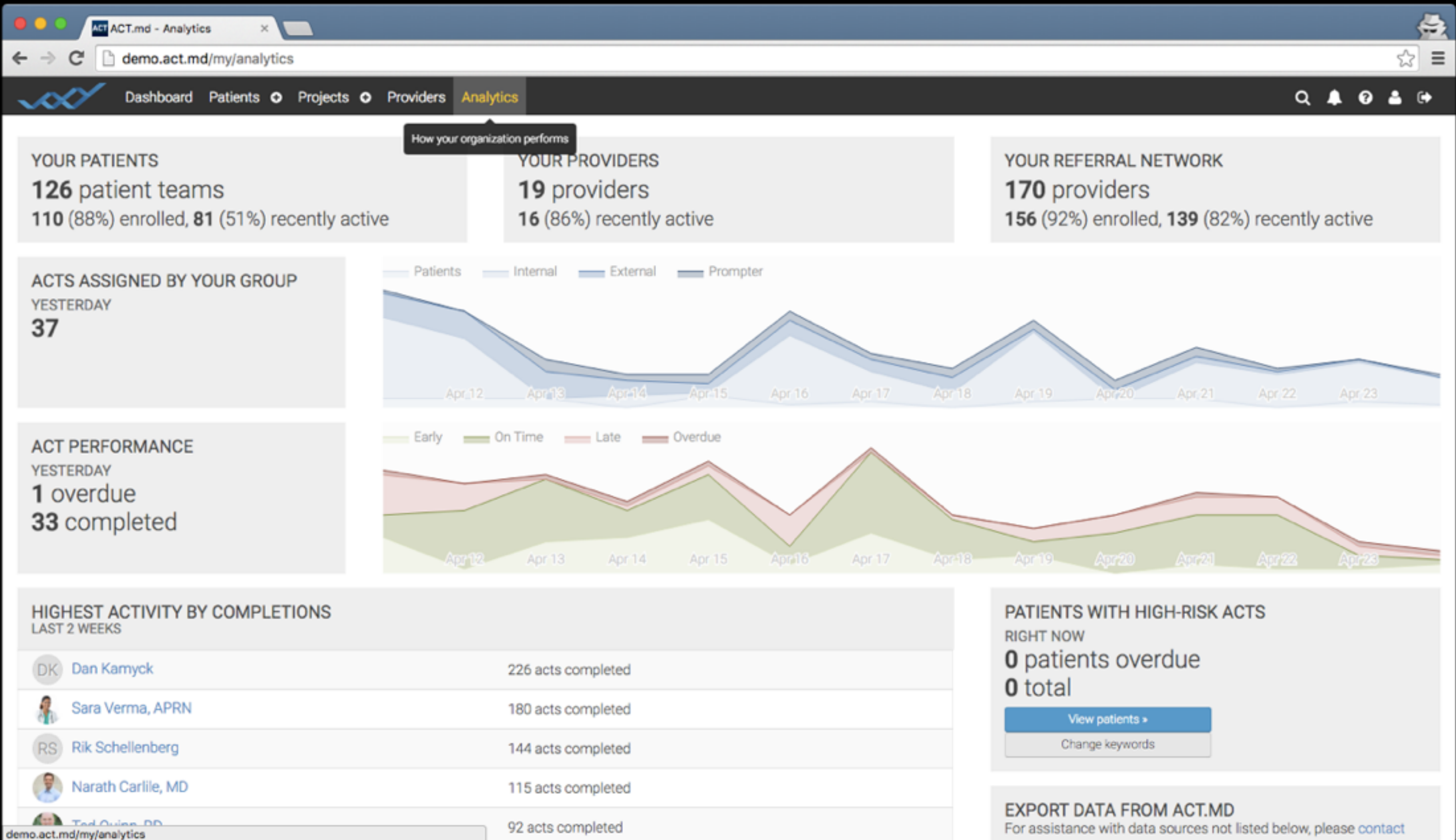✉️ narath@bpf.demo
📍 1 Main Street
Boston, MA 11111

📞 617-555-1111 WORK ⭐

- where to begin, high level or low level?
- what's the database's structure
- where is app located and where is it running?
- what OS, languages, back end, etc.?
  - how to decide among those? tradeoffs?
- where is data stored?
- what devices will users be using to access this tool?
- how keep data secure
- have you had a SQL injection attack (that you can disclose on camera)?
- what sort of tools are you building in-house as opposed to using third-party?
- redundancy and uptime requirements?
- how to integrate with hospitals, etc.?
- how do usability testing (esp. with multiple types of users)?
- using any APIs?
- how many users / how much traffic are you designing for?
- when you scale, which frameworks did you put in place today for the future?

Mobile

- hybrid apps, native apps, web apps

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