UpTahr Capabilities & Past Work

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The Problem

Organizations use many different data capture software/tools where each has its own storage, analysis, and visualization suites.

Data transfer, manipulation, and use is critical but requires a data-team to scale and manage.

As organization grow and divide into sub-teams, more data is generated in isolation and value is lost.

Figure 1.3
Number of Apps per Company
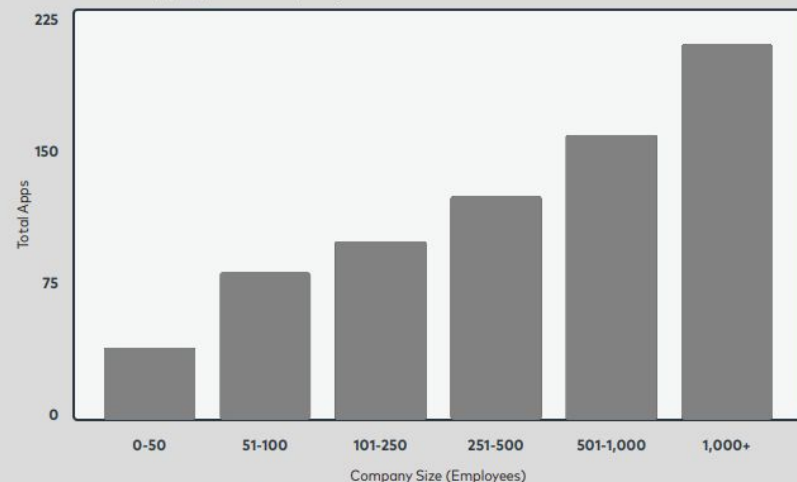
Source: Blissfully's 2019 Annual SaaS Trends Report

How to Solve?

UpTahr helps companies build a data strategy so that their tech stack scales with their organization's data needs. Most companies build software products without considering their growth down the road which leads to massive technical debt and band-aid solutions that temporarily solve issues.

We are an experienced team of data scientists, software engineers, and architects that set your organization up to manage a massive data architecture when you need it without having to pay for expensive off-the-shelf Big data products from the get go.

We develop products with industry leading data warehousing, ETL, and Business Intelligence tools so that you can focus on expanding your business.

UpTahr's Data Capabilities

- Data Source: We develop methods or implement best practices to ensure clean data output
- Data Pipeline (connectors): Implement/write software to transfer data
- Data Warehouse/Lake: Setup a centralized repository where your data is stored with backup.
- Data modelling/transformation: Applying custom operational logic to datasets (scripts to transform/edit by time period/aggregations)
- Business Intelligence Tool: Typically a dashboard or automatically generated report.
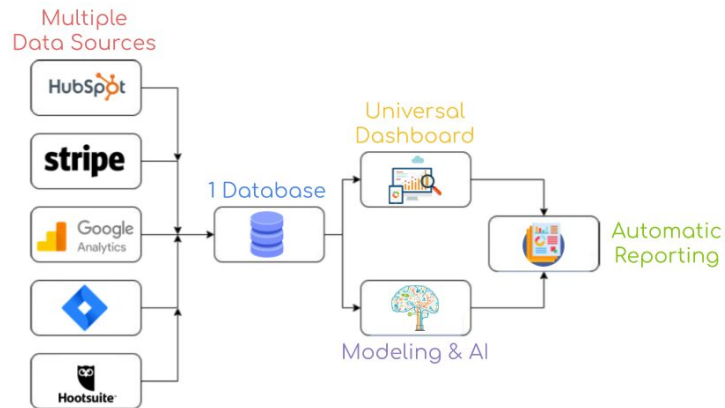
UpTahr's Software Capabilities

- Mobile and Web Application Development
- Software Product Strategy & Roadmapping
- Software Consulting
- Working with you, we decide the best Tech Stack to use for your product given your priorities
- As the product is developed, we can work with you to setup a handoff or work with a maintenance team

Here are some case studies from past projects

UpTahr's Adaptability

With a plethora of projects under our belt, we have utilized various tech stacks to ensure that our work satisfies our clients. These tech stacks are carefully chosen to ensure that they meet product requirements and last the test of time.

These encompass tools and frameworks from data engineering to web development and more.

Some of our past tech stacks include:
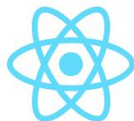
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LABS

Software and Data Engineering: Led the development of a business intelligence platform backed by a recommendation engine which feeds users relevant content to help elevate their businesses while collecting data for ecosystem builders. Implemented data architecture and tech stack for users
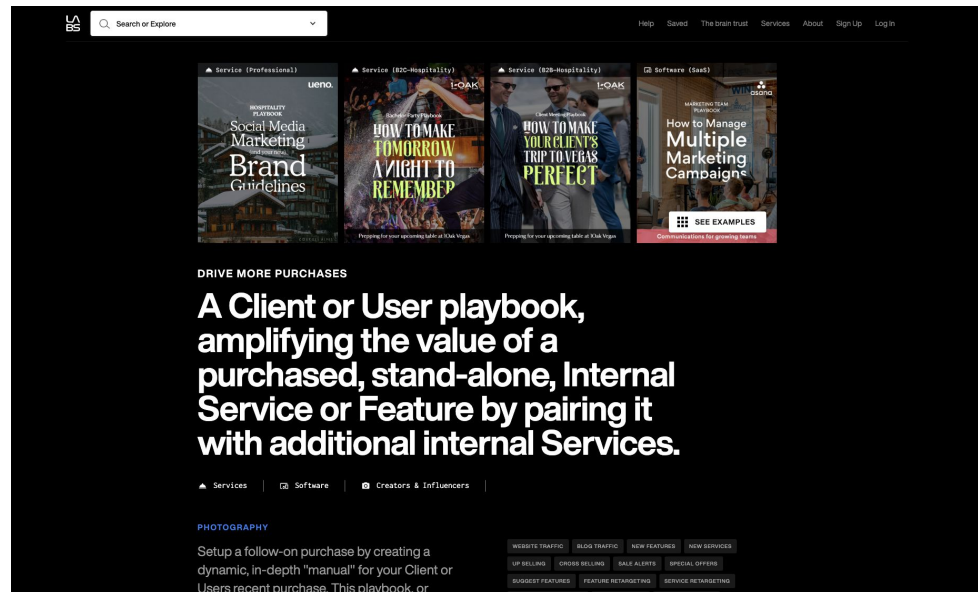
RunSafe Security Inc

Data Science and Dashboarding: Built a dashboard to analyze a company's current agile performance following Epics, Issues, and associated information. Filtering options were also made available to view data on either a quarter by quarter basis, or within a date range.
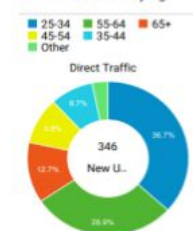
KA Creative Inc

Pipeline & Dashboard: Worked with a major auto OEM to develop a business intelligence tool to analyze website KPIs and how they correlate with revenue for 25 dealerships to maximize web conversions to sales.

Brady Ware & Co

**Data Science and Financial Projection:**
Quarterly values updated by the GCMI team, setup database in AWS Aurora and created script for simulation of risk assessment on projected revenue. Simulation updates quarterly. Monte Carlo simulation was used to predict yearly variations in costs based on micro/macro risks and then an average projected revenue was plotted via a Bass Norton model.

Monte Carlo Simulation of Operating Profit (Toy Simulation)
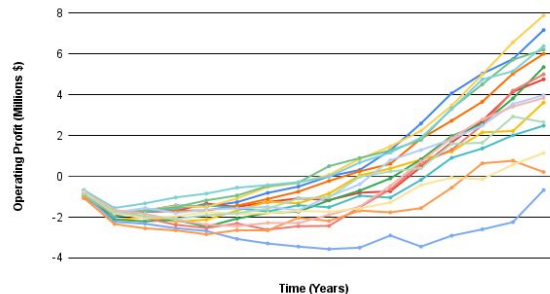
Projected Revenue vs. Year
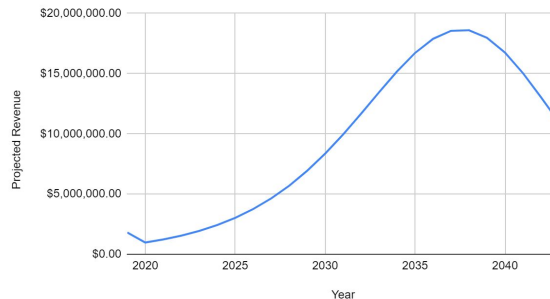
Haystack Solutions:

Full Stack Development:

Built an administrative dashboard using Django and passwordless authentication to reduce signup and login friction for users, resulting in increased conversion rates. Using this dashboard resulted in data driven decision making for Haystack Solutions.

Questions? Setup a video call with us at contact@uptahr.com