Science AMA Series: I’m Steve Gardner, CEO of RowAnalytics. I develop tools to find relationships across massive amounts of data (mostly HealthSci but not exclusively) and use A.I. machine learning to do the heavy lifting for me. AMA!

STEVE-GARDNER R/SCIENCE

Our current focus is to solve the data challenge to model diseases the way they actually happen – where multiple factors from genes to lifestyle (how much you drink and smoke) work in parallel to protect or harm. The challenge is to analyze both structured and unstructured data in parallel, from genetic sequences to MRI (or other clinical scans) and to do so across large populations of diseased patients plus healthy controls to inform treatment for an individual based on his/her own unique profile. The computational challenge is massive given the exponential number of data combinations that need to be analyzed. I’ve also been applying artificial intelligence & machine-learning to develop knowledge graphs and semantic search tools to enable automated discovery of related concepts versus the traditional approach of applying keywords to search queries.

I have designed, built and brought to market a number of innovative and commercially successful products to support drug discovery and clinical informatics. I am a serial entrepreneur with numerous patents and occasional angel investor specializing in informatics with a strong track record of building world-class companies, teams and products. I’d welcome your question on any of these topics above or to simply lend my experience and best practices for your professional development. AMA!

My technical expertise is in:
Hyper-combinatorial Multi-omics analytics
Bioinformatics and Computational Biology
Precision Medicine
Semantic Search and Knowledge Graphs
Artificial intelligence (AI) and Data Science
Software-as-a-Service (SaaS)
Internet of Things (IoT)
Steve Gardner, CEO of RowAnalytics, develops tools to find relationships across massive amounts of data (mostly HealthSci but not exclusively) and uses A.I. machine learning to do the heavy lifting for me. AMA!

The Winnower 5:e151990.08689, 2018, DOI: 10.15200/winn.151990.08689

© et al. This article is distributed under the terms of the Creative Commons Attribution 4.0 International License, which permits unrestricted use, distribution, and redistribution in any medium, provided that the original author and source are credited.

The AMA is still in progress

Science AMA Series: I'm Steve Gardner, CEO of RowAnalytics. I develop tools to find relationships across massive amounts of data (mostly HealthSci but not exclusively) and use A.I. machine learning to do the heavy lifting for me. AMA! is still ongoing! After the AMA is finished it will be permanently archived, assigned a digital object identifier (DOI), and formatted as a white paper.

To publish your own ideas and research, sign up [here](https://winnower.com)! We bring traditional scholarly publishing tools (DOI & permanent archival) to blogs, essays, grants, protocols, how-to's, essays, and other media, including reddit AMAs, because scholarly communication doesn't just happen in scholarly journals.

Support archival of this AMA

---

& The Winnower MARCH 01 2018