

Garrett Mayock

Objective: Transform business by finding & realizing opportunities where data can drive value.

Note: Since May 2019 I have been focused full-time on making a career of data science.

Experience

4/2018 - 5/2019 Business & Financial Analyst Self-employed

Worked with six small & mid-sized businesses and applied data-backed recommendations to drive overall business value. Delivered financial analysis and strategic business plans.

4/2016 - 3/2018 Customer Solutions Analyst Maana, Inc.

"Data Science Consultant"-type role for tech startup's Customer Solutions branch, leading data science projects for Fortune 500 companies **Chevron, General Electric, Shell, and Maersk**. Projects were Python-based and involved regression models, time series analysis, NLP, classifiers, and network optimization. Responsible for solutions analysis and customer relationship. Solutions analysis requires understanding business needs and collaborating with stakeholders and development to deliver high quality solutions. I did problem definition, data analysis, exploration, wrangling, and modeling, and designed solution frameworks. Relationship management included being selected to open Maana's first expansion office (Houston) for their largest client (Chevron). I worked from client office, was temporary account manager after unexpected resignation, negotiated SOWs, and served as "data science evangelist" for clients, identifying opportunities where data could drive value.

8/2014 - 4/2016 Digital Advertising Data Analyst The Walt Disney Company

Daily data analysis, forecasting, troubleshooting, and reporting. I learned VBA to automate most daily reporting. I did data exploration projects, accessing an underutilized Hadoop system, and using Platfora BI to find new targeting opportunities. SQL trained (MS-20461).

8/2013 - 7/2014 Marketing Data Analyst Microsoft Corporation

Contract data analyst position. Daily reporting and forecasting. Won "Service Excellence Award" in December 2013. Selected to lead special projects and train new peer employees.

1/2013 - 7/2013 Associate Consultant Touch Business Consulting

Analyst & project manager with **Google, Microsoft** Channel Management, and **Cisco**.

Select Data Science Projects

2016-'17 Deepwater Exploration & Production / Gulf of Mexico

Stanford-NLP-based supervised classification algorithm locating unmarked Force Majeure events at offshore wells. Cross-reference contemporaneous invoices & contract clauses to flag spend leakage for supply chain management subject-matter expert (SME) review.

2016-'17 Distributed Power

Data wrangling for KPI dashboard using siloed data on engines and turbines. Regression analysis projected service dates for offline engines based on similar online models.

2016 Health, Security, Safety, and Environment

Natural Language Processing to classify HSSE incidents based on supervision from multiple SMEs. Reveals incomplete or wrongly-classified events, as well as differences between SMEs.

2016 Prescriptive Maintenance

Predict engine breakdown and unplanned maintenance events. Find signal from hundreds of sensors for dozens of failure types and prescribe preventative maintenance.

Education

9/2009 - 8/2012 B.A. in Business Administration: Finance
University of Washington 3.55 GPA

8/2011 - 8/2012 Economics & Risk Management (auf Deutsch)
Freie Universität Berlin (exchange program) 3.70 GPA

Certifications

8/2012 Certificate of International Studies in Business
University of Washington 3.68 GPA

12/2018 Business Certified Appraiser
International Society of Business Appraisers

Personal Info

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Stack Overflow
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GitHub, Kaggle
/gmayock

LinkedIn
/in/gmayock


Programming Languages


Python  Intermediate

SQL  Intermediate


VBA  Advanced

HTML5 & CSS  Functional

PHP  Functional

JavaScript  Basic

Software

Outlook, Word, PPT, Excel  Advanced




Platfora BI (now Workday)  Functional

Tableau  Functional

Human Languages

German  Fluent

Spanish  Intermediate

French  Basic