JOSIAH RINGELBERG

Mathematician focused on developing reproducible analytical models using innovative data science tools. Recently focused on incorporating automation, statistical rigor, and transparency to data analytics and corporate reporting. I utilize R scripting to elicit and convey new insights and understanding to executive management through a systematic approach to analysis. I am always eager to learn, and enjoy passing my knowledge on to others. Please do not hesitate to reach out!

🎓 EDUCATION

2016 | 2014

M.S., Agricultural Economics (Finance Focus)
Purdue University 📍 West Lafayette, IN

- Thesis: Mergers and Acquisitions in Food and Agribusiness – Returns, Drivers, & Long Run Performance

2013 | 2011

B.S., Mathematics, Economics
Calvin College 📍 Grand Rapids, MI

- Collegiate Track and Field

💼 INDUSTRY POSITIONS

2020 | 2017

Business Intelligence Analyst II
GreenStone Farm Credit Services 📍 Lansing MI

- Implemented automation processes for multiple reporting needs. Resulting workflows have greatly reduced labor while increasing reproducibility and accuracy.
- Worked with collaborating corporate partners to compose guidance on financial institution stress test documentation, model development, and model validation.
- Completed a thorough model validation of a credit scorecard. Organized datasets, documents, and supporting literature in a reproducible project that can be utilized as a template for similar validations.
- Managed four teams of graduate students through semester long analytics projects focused on customer segmentation analysis, probability of default rating, and text analysis.
- Acquired skills in R and Python coding. Produced processes and recommendations on their continued use in the analytics department.
- Built a predictive model to estimate collateral of a customer is able to pledge. This avoided the need of utilizing appraisers for small loans representing a minor risk to the overall portfolio.

2017 | 2016

Business Analyst
GreenStone Farm Credit Services 📍 Lansing MI

- Produced periodic reports for executive and operational management.
- Developed skills in SQL and business acumen needed to complete business processes following the departure of a core technical resource.

2016 | 2014

Research Associate
Center for Food and Agricultural Business 📍 West Lafayette, IN

- Conducted research on company growth strategies, dominant strategies in the agricultural producer industry, and the practices employed by firms to compensate their salesforce.
- Used OLS regressions and event study methodology to analyze public merger and acquisition transaction success according to population segments and deal attributes. Identified key drivers.
- Evaluated long run changes in operating performance of acquiring public North American firms.
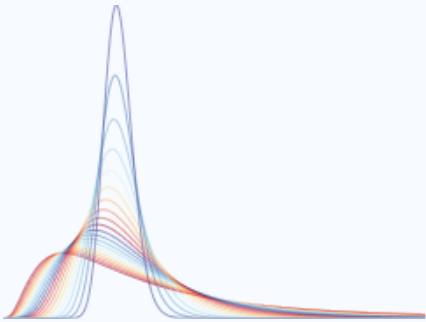
CONTACT

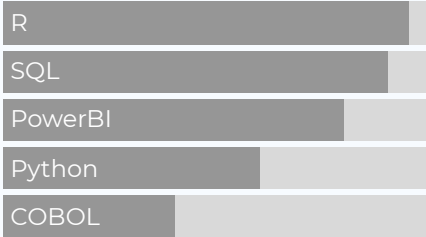- ✉ Josiah.Ringelberg@gmail.com
- 🐦 @JosiahRingelbe1
- ⌂ /github.com/Jringelb
- in LinkedIn/JosiahRingelberg
- ☎ (989) 429-7916

LANGUAGE SKILLS

Skill	
R	████████████
SQL	███████████
PowerBI	█████████
Python	███████
COBOL	████

CODE INTERESTS

Webscraping

Regression Analysis

Data Governance

Report Automation

Model Risk Management

MORE INFO

See More Projects on My Github or Reach Out to Me!

2014 ● **Merger and Acquisitions: Gruaduate Internship**

Wilbur-Ellis Agribusiness Company   📍 Grand Rapids, MI

- Analyzed potential acquisitions, modeled projected growth, and estimated present value of companies using Excel spreadsheet forecasting.
- Developed postmortem acquisition reports and created future postmortem analysis procedures.
- Modeled and evaluated major aerial asset replacement schedules and identified cost efficient practices. Verified results with industry advisor and presented to upper management.

2013 ● **Financial Systems Software Developer**

Auto-Owners Insurance   📍 Lansing MI

- Managed data relating to the financial accounting and materials management of the company and updated financial reporting programs and summaries.
- Interacted with DB2 database software and restructured Microsoft Access database.

✎ TEACHING POSITIONS

2015 ● **Midwest Food and Agribusiness Executive Seminar**

📍 West Lafayette, IN

- Lead the development of a case study on a new marketing strategy employed by BASF to establish itself in identified key customer segments. Aided in presentation of results.