

# JESSE ONLAND

DATA SCIENCE AND BUSINESS INTELLIGENCE

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[jdonland.github.io](https://jdonland.github.io)

## EXPERIENCE

### **Samos Insure**, Kitchener ON — *Data Scientist*

FEB 2021 - JUL 2023

- Took responsibility for all quantitative insights.
- Built domain knowledge in surgical mortality risk and identified actionable insights in peer-reviewed medical literature.
- Implemented healthcare data analysis pipeline.
- Managed and mentored co-op students.

### **Allianz Global Assistance**, Kitchener ON — *Data Analyst*

MAR 2018 - JAN 2021

- Developed and maintained internal and client-facing reporting.
- Collaborated in transition to modern software stack and data-driven culture.
- Responsible for all data analytics specific to medical discounting.
- Investigated impact of turn-around time, bill type, size of claim, and other factors to optimize medical discounting performance.

### **Green Brick Labs**, Kitchener ON — *Junior Numerical Analyst*

JUN 2015 - MAR 2017

- Set odds at online sportsbook and tracked activity of VIP users.
- Modeled and visualized user transaction data to detect fraud and collusion.

## EDUCATION

### **University of Waterloo**, Waterloo ON — *BMath*

SEP 2008 - AUG 2013

Major: Combinatorics & Optimization. Minor: Philosophy

### **Independent Study**

- *Courses:*
  - See [linkedin.com/in/jesseonland](https://www.linkedin.com/in/jesseonland)
- *Books:*
  - *Elements of Statistical Learning* (Hastie et al., 2001)
  - *Statistical Rethinking* (McElreath, 2020)

## PROJECTS + OTHER INTERESTS

- See [jdonland.github.io](https://jdonland.github.io)

## SKILLS + TECHNOLOGIES

Languages:

**R** ●●●●○

**Python** ●●●●○

**SQL** ●●●●○

**Julia** ●○○○○

Tools + Frameworks:

**tidyverse** ●●●●●

**tidymodels** ●●●●○

**Excel** ●●●●○

**Shiny** ●●●●○

**Power BI** ●●●●○

**pandas** ●●●●○

**SSRS** ●●●●○

**Tableau** ●●●●○

**dbt** ●●○○○

**Keras** ●○○○○

**scikit-learn** ●○○○○

Collaboration:

**Notion**

**Airtable**

**Jira**

**Trello**

**git**

**Google Workspace**