INDRANEIL BARDHAN

Data Scientist

✉ nbardhan@r4.ai   ⚲ Stamford, CT

EXPERIENCE

Data Scientist
R4 Technologies

📅 April 2017 – Present   ⚲ Ridgefield, CT

- Reduced unplanned stoppages for a CPG company 35% by implementing regression analysis to identify stoppage trigger patterns.
- Doubled email promotion response rate for a sports retailer by generating personalized product recommendations using classification and purchase potential scores.
- Cut computation time for a geospatial clustering model from 36 hours to 4 hours by developing a custom smart grid algorithm to identify high growth potential locations for a credit card provider.

Research Associate
University of Pittsburgh

📅 Sept – Dec 2016   ⚲ Pittsburgh

- Created codebooks, data dictionaries and data visualizations from public health survey data sources.
- Found strong significant relationships between food insecurity and depression using tests of statistical significance.
- Submitted findings to BMC Public Health in research paper, "Variations in the association between food insecurity, depression, and diabetes among older adults".

Statistical Programmer and Analyst Intern
Genentech

📅 June – Aug 2016   ⚲ South San Francisco

- Reduced the model computation speed of a classification model 8% by using PySpark on a custom experimental hadoop ecosystem, while keeping the error rate constant.
- Found the custom hadoop ecosystem to be highly feasible for statistical programming and analysis on clinical trial data.
- Summarized and presented the findings in an intern seminar to the Statistical Analysis teams in South San Francisco and Basel.

VOLUNTEER PROJECTS

Social Data Analyst
Veterans Leadership Program of Western Pennsylvania

📅 Sept - Dec 2015

Increased website traffic 30% by leveraging Google Analytics and optimizing social media posting schedule for the VLP.

PROFILE

Driven data scientist with 2+ years' experience in leveraging leading edge statistical and machine learning models to extract actionable insights from large scale data. Skilled at working cross-functionally with stakeholders to solve complex problems and unlock growth hidden in traditional data systems. Excellent oral and written communication skills.

EDUCATION

M.S. in Information Science conc. Big Data Analytics
University of Pittsburgh

📅 Aug 2015 – Dec 2016
🎓 3.458

B.Engg. in Computer Engineering
University of Pune

📅 Aug 2011 – June 2015
🎓 First Class

PROGRAMMING

Python   ●●●●●

R   ●●●●●

SQL   ●●●●○

C/C++   ●●●○○

Java   ●●●○○

STRENGTHS

Regression   Recommendations
Forecasting   Clustering
Classification   Algorithm Design

Apache Hadoop   Apache Spark
Hive/Impala   Keras   Tensorflow