

# VLAD DUBOVSKIY

DATA SCIENTIST, STATISTICIAN, DESIGNER



## EDUCATION

### ENGINEERING MANAGEMENT - MASTER'S DEGREE

University of Colorado at Boulder, Aug 2010-May 2013  
Statistics, Data Mining, Quality Sciences, 6 Sigma Practitioner

### APPLIED MATHEMATICS - BACHELOR'S OF SCIENCE

University of Colorado at Boulder  
Aug 2005 - May 2010

## EXPERIENCE

### TECHNOLOGY AND SALES

*Most Recent Position: Startup Festival*

I co-founded Startup Festival; designed 3 platforms: pledges, website and startup map; built a team of 20; managed design, branding, and optimized social (25,000 Likes in 3 weeks); analyzed data to increase sales 80-fold; 5000 people came to enjoy 140 startup events in over 100 locations.

### STATS AND DATA ANALYSIS:

**Data Mining for Root Causes:** Which of the 70 variables have a significant effect on steel plugging issue? CHAID, Sequential Sweeps, Decision Trees, Classification, Process Control, Correlation, ANOVA, Regression, Relational Matrix, Experiment Design.

**Fractional Factorial Designs For Screening Experiments:** Discover Critical Factors Affecting Rotor Quality.

**Predictive Modeling:** Do Bonuses Increase Sales? Predicting Fuel Consumption for Vehicles. Predicting Insurance Premiums for Fires in NYC

**Correlation, Association, Concordance, Agreement:** Chi-Square, Cramer's V, J-Index of Predictive Efficiency, Kendall Test, Friedman Test, Point-Biserial Coefficient of Association, Cohen's Kappa

**Quality, Optimization, Risk Management and Cost Reduction:** Maximizing On-target Production at Lowest Cost. Precision and Accuracy of the Depth Gauge. Which of 5 Label Designs results in maximum sales in the 5 boroughs of NYC and 5 types of outlets? Analyzing Losses Due to Poor Die Quality from Vendors Supplying Ford Motor Company. How to Teach Statistics to MBAs: Traditional or Studio? Placement of Sweet Goods in Supermarkets: Maximizing Sales of Revenue at Earthgrains. Researching which Method of Packaging Minimizes Humidity Incursion in Crackers. Glue Type and Label Quality: Finding which Glue Type Maximizes Adhesion Quality.

+ 5 more positions and deliverables at [www.dubovskiy.com](http://www.dubovskiy.com)

## SKILLS

### DATA MINING, STATS

25+ Real-World Problems Solved

### SPSS, R, SQL

Data Management, Visualization, Analysis

### PYTHON

Taking courses

### UX, UI, HTML/CSS, PHOTOSHOP

Full portfolio at: [www.collectivelabs.org](http://www.collectivelabs.org)

### PROJECT MANAGEMENT

Agile PM, SCRUM, Lean Methodologies

### MACHINE LEARNING + BIG DATA

Coursework completed and pending

720.310.0259

[vladimir@dubovskiy.com](mailto:vladimir@dubovskiy.com)

FULL RESUME: [www.dubovskiy.com](http://www.dubovskiy.com)

192 Sterling St  
Brooklyn, New York

11225