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| Sahitya Puppala | | 66 Westland Ave, Boston, Ma 02115 | | |
| +1 (857) 200-5024 | | sahityap88@gmail.com |
| www.linkedin.com/in/Sahitya-Puppala-30aa0789 | | |
| Data Science Program: General Assembly - Boston, MA  Master of Science in Actuarial Science: Boston University - Boston, MA  Bachelor of Technology in Computer Science & Engineering: SRM University - Chennai, India | | | Feb 2016 - Present  Class of 2014  Class of 2010 | |
| Relevant Work History | | | | |
|  | Data Analyst*:* ***The Ready Group*** – Hingham, MA | | May 2015 – Present | |
| * Relieved the company’s need to rely on third party vendors by automating parts of the process & generating monthly match-back reports to identify customers that responded to our direct mail and e-mail marketing campaigns. * Integrated data from multiple sources and maintained the company’s SQL server database as the admin. * Analyzed sales data in the automotive space to find insights & create reports for dealership groups’ sales events. * Built a Marketing Planner model to help the sales team with planning and budgeting. * Participated in a vender review and selection of a new Data Management Platform to help the team create highly targeted campaigns. * Supported a sales team of 10+ people data requests for their 200+ monthly clients. | | | |
|  | Data Analyst*:* ***Segel Podiatry*** – West Tisbury, MA | | February 2015 – May 2015 | |
|  | * Analyzed patient data to study the long-term cost-benefit trends of a medical device. | | | |
| Technical Skills | | | | |
|  | * Python, R, SQL, Visual Basic, JMP, SAS, Microsoft Excel, Microsoft Access, C, C++, Java | | | |
| Academic Projects | | | | |
|  | Big Data for Social Good Challenge by IBM | | November 2014 – March 2015 | |
| * Analyzing big datasets using R and IBM Bluemix Hadoop to create interactive data visualizations highlighting insights. | | | |
|  | Insurance Claims Analysis | | May 2013 | |
| * Calculated premiums and loss ratio, given a book of 50,000 policies and associated claims. * Identified connections and ways to improve company’s performance by analyzing the data. | | | |
|  | Risk and Return of Financial Products | | February 2013 – May 2013 | |
| * Explored relationships between price and yield, yield and coupon rate, yield and maturity of a coupon bond. * Constructed bond pricing models. * Constructed Excel models to find the portfolio with the lowest variance for a given expected return using Capital Asset Pricing Model (CAPM) and Markowitz Theory. | | | |
|  | Predictive Modeling: Hours / week a BU Student spends exercising | | March 2012 – May 2012 | |
|  | * Collected data and observed distribution and frequencies of each covariate. * Tested each covariate against the response variable and identified statistically significant factors. * Developed a fitted model based on the data, which was used for prediction with 95% confidence. | | | |
| Volunteering Experience | | | | |
|  | Volunteer*:* ***Engineers With Out Borders*** | | September 2014 – January 2015 | |
|  | * Analyzing data about the usage of water from the test tanks * Keeping the EWB Boston website up-to-date & assisting the EWB team with logistics. | | | |
|  | Volunteer*:* ***The American Red Cross of Massachusetts*** | | March 2014 – December 2014 | |
|  | * Hazard assessment mapping as part of the disaster response team. * Working with databases of human and material response resources to aid disaster relief. * Coordinating with local food distributors and community-based agencies, & distributing food at the Red Cross food pantry. | | | |