SHASHWAT JYOTISHI

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EDUCATION

Medi-Caps University, Indore, MP, India **Aug 2017 - Present** (Grad May 2021)
B.Tech. (Honors), Computer Science Engineering GPA 8.36 /10.00

TECHNICAL SKILLS & CERTIFICATIONS

Analysis & Reporting:	MS Excel (VBA, Macros, Pivot), MS BI (SSIS, SSAS, SSRS), MS SQL Server, SEO (Google Analytics)
Dashboards:	MS Power BI (DAX, View, Query), Tableau, MicroStrategy
Programming & DB:	Python (pandas, numpy, scikit-learn, matplotlib, scipy, BeautifulSoup), R, Machine Learning (Regression, Support Vector), Java, HTML, XML, CSS, C, C++, MySQL
Project Management:	MS Project Professional, MS Visual Studio TFS, MS Visio, JIRA
Certifications:	IBM Data Science Professional Certification, Tableau Analyst Professional, Google Analytics Individual Qualification, MS Power BI Professional, MS Office Specialist (Excel Associate), Python Data Structures (University of Michigan), Digital Marketing (Google)

BUSINESS EXPERIENCE

Affimintus Technologies, Indore, MP, India **Mar 2020 - Sep 2020**
Data Analytics & Visualization Intern
• Designed a Tableau app to perform "Peer to Peer Lending Analysis" for a client which resulted in building 12% of their loan pipeline
• Conducted root cause, trend, predictive analysis on 20+ lenders-borrowers and streamlined customer-facing processes
• Analyzed facts, dimensions and consolidated insights into 18 data stories in Tableau to identify business critical KPI's
• Carried out competitive intelligence on 100+ similar client profiles and identified top 5 vendors using SWOT and segment analysis

USIA Softech Solutions Pvt. Ltd., Indore, MP, India **June 2019 - July 2019**
Data Science Intern
• Pre-processed and validated about 1.5 million datasets to develop a product assessment model using statistical analysis in Python
• Reconciled the company's MDR in data warehouse by implementing data dictionary, matrix and ERD schemas
• Scripted about 30+ queries and stored procedures in SQL to deliver ad-hoc reports for business stakeholders on a daily basis
• Applied regression analysis to identify gaps, re-formulate strategies and reduced project lags by 45% drop in recurring issues

Web Indore IT Solutions, Indore, MP, India **June 2018 - Sep 2018**
Business Intelligence Intern
• Created a Power BI dashboard to analyze the revenue-driving key metrics and assessed performance for our client's top brands
• Performed an in-depth analysis on how the margins waterfall stacked-up and shrank in spite of the increased sales through the cycle
• Generated over 25 drill-through, drill-down, parameterized, linked reports in Power BI using m-query and DAX operations
• Implemented an automated data auditing process for sales department resulting in 15% increased redundancy elimination rate

ACADEMIC PROJECTS

Travel Recommendation System using Java and Python **Aug 2020 - Dec 2020**
• Presented a travel itinerary model hypothesis to showcase the probability of the success of a psychologically evaluated trip
• Devised the front-end in html, css, javascript and the back-end with web scrapping in Python using BeautifulSoup
• Deduced behaviour and patterns with sentimental and predictive analysis using inductive learning NLP algorithm

HR Attrition Case Study using Machine Learning and Python **Aug 2019 - Dec 2019**
• Developed a machine learning model using Logistic Regression to predict if the set of 14K+ employees will quit the job or not
• Drove data over Turnover Propensity Index (TPI) to classify each employess as unlikely, less likely, more likely, or most likely to quit
• Concluded top 3 factors responsible for employee retention using Confusion matrix and Decision tree algorithm

AWARDS & HONORS

• Intern of the Year, Affimintus Technologies **Sep 2020**

LEADERSHIP & ORGANIZATIONS

• Treasurer - NSS (National Service Scheme) Club, Medi-Caps University **Aug 2018 - Present**
• Vice-Captain - Football Club, Medi-Caps University **Aug 2018 - Present**
• Secretary - STIC (Students Technical and Innovation) Club, Medi-Caps University **Aug 2017 - May 2019**