


# Pushkar Goyal

[pushkargoyal63@gmail.com](mailto:pushkargoyal63@gmail.com) | +1(240) 840-6623 | 4335 Rowalt Dr, College Park, MD, 20740 |  [LinkedIn](#)

## EDUCATION

- Robert H. Smith School of Business, University of Maryland, College Park** Aug 2019 – Dec 2020  
*Master of Science in Information Systems* **GPA – 3.85**  
**Coursework:** Data Processing in Python; Data Mining and Predictive Analysis with R; DBMS; Big Data; Data Models & Decisions; Managing Digital Business Markets; Project Management; Business Process Analysis; Applied Finance Information Systems
- Jaypee Institute of Information Technology (JIIT), Noida, India** Jun 2010 – Jul 2014  
*Bachelor of Technology*

## SKILLS

- Languages** : Python, R, SQL, Java
- Database** : MySQL, DB2
- Visualization:** Tableau, Stat Tools, Precision Tree, LucidChart, Power BI
- Others** : Pandas, NumPy, Big Data, Hadoop, Machine Learning (regression, kNN, Random Forests, Gradient Boosting, K-fold validation), MS Word, Jira, Macros, MS Excel, Pivot Tables, Google Ads, MS PowerPoint

## PROFESSIONAL EXPERIENCE

- TATA Global Internship (Trent Limited)** Maryland, USA  
*Data Analyst* Feb – May 2021
  - Capstone** - Performed various **statistical** analysis & created strategies for launching a new product line in the market
  - Created **visualizations** using Tableau and ensured timely delivery and accurate reporting of the findings to the Management
- Optum, a UnitedHealth Group company** Gurgaon, India  
*Business Analyst* Jan 2018 – Jul 2019
  - Created functional documents and **User Stories** for the purpose of business enhancement & helped Business Architecture team figure out **user story gaps** for project with **10000+ clients**
  - Submitted & Implemented a 'Bright Idea' for automating regression tests that helped reduce the project cost by **~\$40,000** annually
  - Leveraged **SQL** for fetching relevant data & generated **KPI** metrics for efficient project tracking
  - Collaborated with various cross-functional teams and **stakeholders** to identify challenges and ensure effective decision making
- Accenture** Gurgaon, India  
*Software Engineer* Aug 2014 – Jan 2018
  - Implemented a CRM (**SaaS**) solution, based on **Salesforce** platform, to manage customers' financials & sales pipeline
  - Analyzed various **trends** and used **forecasting** models with **Python**, to streamline customer revenue growth
  - Leveraged **Agile** methodology and used **SharePoint** to track the project deliverables; used **Microsoft TFS** for project management
  - Led** a team of 4 members and automated the production cutover checkout test scripts, using UFT with 95% coverage
  - Created test plans and executed API tests as part of **UAT**, ensuring quality of deliverables and reduced 'Change Requests' by 40%

## PROJECTS

- Maximizing Real Estate Revenue, (R)**
  - Developed various statistical **models** to identify most popular & profitable apartments listed on the market, with Airbnb data
  - Optimized** the performance of different models by cleaning the data and carefully selecting the variables with most significance
- Cricket Game Prediction, (Python, Pandas, Numpy, Matplotlib)**
  - Implemented NumPy and Pandas in Python and leveraged **Data Mining** techniques to predict the winner of the Cricket World Cup
  - Achieved 89% **accuracy** in predicting the winner by analyzing last 4 years' World Cup Data, scraped from the CricInfo website
- Electric Vehicle Charging, (MySQL, Tableau)**
  - Developed a live **Dashboard** to track and showcase the EV data and increase the efficiency of EV charging stations at UMD
  - Executed **SQL** queries and implemented various joins to update, modify and fetch relevant data

## CERTIFICATIONS

- Business Analysis** Certification – By BCS
- Financial Markets** – By Yale University (2020)
- AWS** Fundamentals – By Amazon Web Services (2020)
- Managing Big Data with **MySQL** – By Duke University (2020)
- Data Visualization & Communication with **Tableau** – By Duke University (2020)
- Introduction to Probability and Statistics with **R** – By Duke University (2020)

## ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Graduate Assistant** at the Department of IT (DIT) at UMD
- Member of **CSR** Club at Accenture, involved with social work for under-privileged children and conducted donation drives