

SHIKHAR DHWAJ

Consultant seeking an assignment in Data Analysis, Business Analysis, Business Intelligence, Machine Learning, Statistics, Text Analysis, Time Series Analysis, Process Mining, Database Management, Survey Analytics, R, Python, MS SQL, Tableau, Celonis

Current Designation: Consultant - Data & Analytics

Total Experience: 1 Year(s) 8 Month(s)

Current Company: PricewaterhouseCoopers

Notice Period: 15 Days or less

Current Location: Gurgaon

Highest Degree: Post Graduate Program [Business Analytics]

Pref. Location: Delhi / NCR, Gurgaon

Functional Area: Analytics & Business Intelligence

Role: Data Analyst

Industry: Strategy /Management Consulting Firms

Marital Status: Single/unmarried

Key Skills: Consultant, Data Analyst, Data Analysis, Business Analysis, Business Intelligence, Machine Learning, Statistics Analysis, Text Analysis, Time Series Analysis, Process Mining, Database Management, Survey Analytics, R, Python, MS SQL, Tableau, Celonis, Power Bi, Spark

Verified : Phone Number | Email - id

ID: f5d12653d8a84785a3c085bfe6f662d6
Last Active: 28-Jan-20

Last Modified: 28-Jan-20

Summary

Shikhar is a Data Scientist with strong technical knowledge and business acumen. He has expertise in conceptualizing & implementing data & analytics solutions for PwC clients across the globe.

He has in-depth knowledge of Machine Learning algorithms & Statistics and has carried out projects in industries like FMCG, Tourism, Manufacturing & BFSI. He has implemented analytical solutions using R and Python across different functional areas like Human Resource, Internal Audit, Marketing and Supply Chain Management.

Work Experience

PricewaterhouseCoopers as Consultant - Data & Analytics
Apr 2018 to Till Date

Leading Electronic Design Company: Internal Audit Analytics
Client wanted to identify Purchase Agreement Contracts that contain problematic clauses. Shikhar developed a text analytics based algorithm to assign risk score to each clause in the Contract. High risk score clauses were flagged for further investigation. Solution helped the client to identify problematic clauses in a large set of Contracts.

FMCG Giant in India : Employee Attrition Analysis
Client wanted to reduce its attrition rate compared to its competitors

and find out the reasons driving the employee away, so they can retain high performing employees. Shikhar build an analytical model in R to predict attrition probability of each employee based on significant variables for evaluation of attrition and identified key reasons for attrition. Solution identified areas of improvement for employee retention.

Leading Indian Cash Distributor : Route Optimisation

Client wanted to reduce expenses related to ATM cash replenishment and ensure that ATMs do not run out of cash. Shikhar developed an adaptive voice-enabled R-Shiny application using vehicle routing algorithm to find out optimal routes for cash delivery vans for network of ATMs in Mumbai. The solution segmented various ATM location coordinates into different routes to generate optimal number of vans required, which led to reduction in Fuel and Maintenance cost.

Global FMCG Giant : Marketing Spend Analytics

Client wanted to define saturation point for survey based promotional activities and automate the data gathering and analysis for pre and post activity stages. Shikhar build an analytical solution in R to determine the impact of marketing activity which helped to plan & conceptualize future activities. Automated Solution helped the client to reduce man-hours by 70%.

Leading Electronic Design Company: Internal Audit Analytics

Client annually reviews a selection of Sales Contracts to verify if they comply with company policy and procedure. Shikhar developed an analytical solution to evaluate under performance of Contracts based on historical trends and internal cost. He defined a Statistical metric "Unrealized Margin" to evaluate performance of Contracts on Country level.

Underperforming Contracts were reported to Sales team for further investigation. The analysis was done in R with visualization wrapper in Tableau which allowed users to explore the results interactively.

Leading Integrated Travel Firm : Customer Segmentation

Client wanted to design and develop compelling Customer Value Proposition, success-metrics, experiences and journey plan for overall organization to generate new leads. Shikhar sub-grouped customers based on individual cluster behaviour and provided actionable strategies to target different sub-clusters.

Global FMCG Client : Travel & Expense Analytics

Client wanted to analyse travel and expense data to provide recommendation for cost optimization. Shikhar developed an interactive dashboard with actionable insights on travel expenses. Dashboard helped the client to regulate travel spends and detect overspending.

Global Consulting Firm : Survey Analytics

Client wanted to analyse yearly survey results to identify issues that need change in the organization and reasons for overall survey scores. Shikhar used text analysis techniques like Word Cloud, Contextual Search and Emotional Analysis to correlate survey comments with overall score and identify possible reasons for survey score. The analysis proved major enabler for higher management to define scope for improvement.

Education

UG: **B.Tech/B.E. (Computers)** from **Jaypee University Of Information Technology, solan** in **2017**

PG: **Post Graduate Program (Business Analytics)** from **Praxis Business School, Kolkata** in **2018**

Other Qualifications/Certifications/Programs:

R Programming

Big Data Hadoop Foundations

Data Scientist

Analyst

IT Skills

| Skill Name | Version | Last Used | Experience |
|-----------------|---------|-----------|----------------------|
| R | | 2019 | 3 Year(s) 0 Month(s) |
| Python | | 2019 | 3 Year(s) 0 Month(s) |
| TABLEAU | | 2019 | 1 Year(s) 2 Month(s) |
| SQL Server | | 2019 | 2 Year(s) 0 Month(s) |
| celonis | | 2019 | 1 Year(s) 0 Month(s) |
| Microsoft Excel | | 2019 | 3 Year(s) |
| Power BI | | 2019 | 0 Year(s) 4 Month(s) |
| web scraping | | 2019 | 2 Year(s) |

Languages Known

| Language | Proficiency | Read | Write | Speak |
|----------|-------------|------|-------|-------|
| English | Expert | | | |
| Hindi | Proficient | | | |
| German | Beginner | | | |

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time