

# SHUBHANGI GOYAL

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EXPERIENCE	<b>ACCENTURE SOLUTIONS PVT LTD</b> , Gurgaon, India	January 2021 – August 2021
	<i>Data Science Analyst</i>	
	<ul style="list-style-type: none"><li>Performed effective analysis for digital learning platform which helped company save ~\$800 million with 6% increase in training hours while reducing training cost by 11%.</li><li>Competitive analysis of resource allocation resulted with 10% improved in ROI.</li><li>Forecasted 30% of the gap between capacity and demand planning in ; presented to stakeholders using BI dashboard.</li></ul>	
	<b>SOPRA STERIA</b> , Noida, India	May 2019 – January 2021
	<i>Machine Learning Engineer</i>	
	<ul style="list-style-type: none"><li>Took the lead to detect insights in fraud and anomalies for leading aviation client, where strategic planning using autoencoders algorithm outperformed attaining 30% gain in profit.</li><li>Developed Search Bot Engine Product for user experience with 70% accuracy.</li><li>Led team for Resume Parser with results attaining 40% effectiveness as compared to other models.</li><li>Recognized with Falcon Award for taking initiative, fulfilling tasks, and working efficiently.</li></ul>	
	<b>IRIS SOFTWARE</b> , Noida, India	August 2016 – May 2019
	<i>Data Scientist</i>	
	<ul style="list-style-type: none"><li>Classification model prediction for candidate hiring, achieving accuracy of 93.6% with Random Forest.</li><li>Rationalized ~500 monthly documents using statistical modelling, NLP, clustering techniques in R.</li><li>Achieved 30% volume reduction and 25-40% cost saving in report generation and process.</li><li>Data analysis on employee dissatisfaction ratio in Python; addressed issue to stakeholders using Tableau; led to 40% increase in productivity.</li><li>Led team to update semantic search tagging using Spacy and RASA; amplified the algorithm and process speed by 30% on average.</li></ul>	
PROJECTS	<b>Spirit Airlines Performance Analysis (Tableau)</b>	
	Analyzed performance of Spirit Airlines providing strategic solutions based on past trends and predictions.	
	<b>Sales Marketing Analysis (Python)</b>	
	Predicted output revenue generated to advertise multiple devices using Market Mix Modelling in Python.	
	<b>Patient Application Registration Prediction (Python)</b>	
	Identified factors affecting patient's to join healthcare application and track the frequency at which they use it for daily needs.	
	SKILLS	
	Languages : R, Advanced R, Python	
	IDE : RStudio, Jupyter, Spyder, VSCode, Excel, Enginius	
	Visualization Tools : Tableau, PowerBI	
	Database : SQL, MySQL, PostgreSQL	
	Methodologies : Agile, Scrum, JIRA	
	Other Expertise : AutoML, Tensorflow, Keras, Flask, Autoencoders, NLP , Spacy, Salesforce, CRM, Google Analytics	
EDUCATION	<b>UNIVERSITY OF ILLINOIS CHICAGO</b> , Chicago, IL	
	<i>Master of Science in Business Analytics</i>	December 2022 (Expected)
	Course Highlights: Statistics, Data Mining, Machine Learning, Database Management Marketing Analytics, Healthcare Analytics, Text Mining, Big Data	<b>GPA : 4.0</b>
	<b>UTTAR PRADESH TECHNICAL UNIVERSITY</b> , Ghaziabad, India	
	<i>Bachelor of Technology in Information Technology, June 2016</i>	