**Neha Kapoor**  
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**Professional Summary**

Results-driven Senior Data Scientist with 7 years of experience in applying machine learning, statistical modeling, and data storytelling to solve complex business challenges across finance, healthcare, and retail domains. Skilled in leading end-to-end data science lifecycle—from problem framing and data preparation to deployment and stakeholder communication. Passionate about building explainable and ethical AI solutions that create measurable business impact.

**Work Experience**

**Total Experience:** 7 Years

**1. Company:** Deloitte India (Analytics & Cognitive)  
**Duration:** April 2020 – Present  
**Project Summary:**  
Leading a team of 4 data scientists to design and implement ML models for fraud detection and customer churn prediction for BFSI clients. Responsible for data strategy, model evaluation, and client presentations. Delivered 18% improvement in prediction accuracy through feature engineering and ensemble learning.  
**Skills & Tools Used:** Python (scikit-learn, XGBoost, SHAP), SQL, Azure ML, Power BI, Tableau, Git, MLOps.

**2. Company:** EXL Analytics  
**Duration:** July 2017 – March 2020  
**Project Summary:**  
Worked on risk modeling and credit scorecard development projects for financial institutions. Designed logistic regression and gradient boosting models to assess default probability and customer lifetime value.  
**Skills & Tools Used:** Python, R, SAS, SQL, Excel, and Tableau.

**Education Summary**

**M.Sc. (Data Science and Analytics)** | Indian Institute of Technology, Madras | 2017 | 8.7 CGPA  
**B.Sc. (Mathematics Honours)** | St. Stephen’s College, Delhi University | 2015 | 8.4 CGPA  
**Class XII (CBSE)** | Modern School, Barakhamba Road | 2012 | 93%