#### SHOBHA RANI

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### **SKILLS:**

Excel, SQL, Python, Power Bi, Data Analysis, Data Manipulation, Descriptive Statistics, Inferential Statistics, Problem Solving.

#### **EDUCATION:**

MBA in Financial Management (Banaras Hindu University) 2018-20 B.Com (Hons.) in Finance (Banaras Hindu University) 2015–2018

#### **PROJECTS:**

## Capstone Excel Project | Skillovilla | July 2025

- Situation: Worked with unorganized sales data from Maven Toys lacking clear business insights.
- Task: Needed to analyse trends, measure KPIs, and build a management-friendly dashboard.
- Action: Cleaned data, built pivot tables/charts, and designed an interactive Excel dashboard with slicers and calculated metrics.
- **Result:** Reduced reporting time by 60% and enabled faster, data-driven sales decisions.

## Capstone Project – Python Fundamentals | Skillovilla | July 2025

- **Situation:** Worked with fragmented Project, Employee, and Seniority datasets containing missing values, inconsistent formats, and unclear business rules.
- Task: Build a Python pipeline to clean, integrate, and enrich data for accurate HR and project analytics.
- **Action:** Used Pandas and NumPy to impute costs, standardize/merge datasets; implemented rolling-average imputation to restore missing project costs; engineered features such as name splits, bonus calculations, and promotion/demotion logic.
- **Result:** Improved data completeness from 86% to 100% and delivered a production-ready, well-documented Jupyter Notebook.

# Capstone Analytics Dashboard (Power BI) | Skillovilla | June 2025

- **Situation:** E-commerce platform with 100k+ transactions lacked a unified, actionable performance view.
- **Task:** Build an interactive dashboard for sales, delivery performance, product ratings, and seasonal trends.
- **Action:** Designed a Power BI dashboard with 15+ DAX measures and calculated columns; applied cross-filtering, drill-through, and Power Query automation; parameterized data sources for real-time updates.
- **Result:** Enabled logistics teams to identify delivery delays month-over-month, streamlined decision-making, and eliminated manual report updates.

### Capstone SQL Project | Skillovilla | April 2025

- **Situation:** Business needed optimized SQL solutions for diverse analytical problems on large datasets.
- **Task:** Tasked with building highly optimized SQL queries to solve diverse analytical problems involving ranking, aggregation, and financial reporting.
- **Action:** Applied CTEs, window functions, and conditional aggregations to rank sales, track departures, and format financial data; optimized joins for performance.
- **Result:** Delivered clear and optimized SQL solutions that enhanced data analysis skills and provided actionable business insights through well-formatted financial and operational reports.

## **INTERNSHIPS:**

# Marketing Intern – Abhiprerana ATE World Talk Pvt. Ltd. (IIT-BHU Incubated) | Winter 2019–20

- Managed event operations and logistics, tracking budgets and deliverables for marketing initiatives.
- Secured ₹50K-₹80K in sponsorships through targeted outreach and negotiations, enhancing event funding

## MBA Summer Intern – Bihar Rural Livelihood Promotion Society (JEEViKA) | May-Aug 2019

- Conducted field surveys and financial data analysis for Satat Jeevikoparjan Yojana across 3 districts, evaluating 60+ ultra-poor households' micro-enterprises.
- Analysed socio-economic indicators, income/savings patterns, and business sustainability, preparing district-wise reports with policy and process improvement recommendations.

### **ACHIEVEMENTS:**

- Secured first place in the Commerce Quiz organized by Jaipuria Institute of Management, Lucknow at College level.
- Achieved 1st Rank in the National Aeronautics Olympiad at School level.