

# Tenzin Choedhen

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Data Analyst with experience transforming complex data into actionable insights through advanced analytics and BI solutions using SQL, R, Python and Power BI. Specialized in predictive modeling, dashboard development, and workflow automation with proven results: \$30K+ annual cost savings, 85% user adoption rates, and 6x operational efficiency improvements.

## TECHNICAL SKILLS

**Core Analytics:** SQL, R, Python, Statistical Analysis (Regression, Hypothesis Testing, A/B Testing)

**BI & Visualization:** Power BI (DAX), Tableau, Streamlit, R Shiny, Excel (Advanced Functions, Pivot Tables, VBA)

**Cloud & Databases:** Snowflake, AWS, Microsoft SQL Server, MySQL, PostgreSQL

**Automation & Tools:** Power Automate, Salesforce Flow, Git, Confluence, JIRA

**Methods:** ETL Pipelines, Data Modeling, Predictive Analytics, A/B Testing, KPI Development, Data Governance

## PROFESSIONAL EXPERIENCE

**Data Analyst - Graduate Assistant, *University of New Haven***

**October 2024 - Current**

- Designed and built digital inventory management system from scratch using SharePoint, Power Automate, and SQL, implementing relational database design and automated workflows that eliminated manual tracking and enabled real-time stock analytics
- Developed alumni engagement analytics platform using SharePoint and Power BI, creating ETL pipelines and interactive dashboards that improved data accessibility for 500+ alumni records with role-based governance controls

**Data Analyst, *SohoBB Corporation***

**April 2024 - July 2024**

- Pioneered employee attendance analytics system using Salesforce dashboards, SOQL queries, and automated workflows, reducing payroll processing errors by 10% and saving 15+ hours weekly in manual data entry
- Constructed scalable data model with custom objects and REST API integrations, implementing automated leave approval workflows that reduced administrative processing time by 30%

**Business Intelligence Analyst - Intern, *Daimler AG***

**January 2023 - June 2023**

- Automated 200+ vehicle parts suppliers' communication workflows using Power Automate with conditional logic, reducing manual workload by 640 hours annually and delivering \$30K+ in cost savings
- Spearheaded organization-wide learning analytics dashboard using SharePoint and Power BI integration, achieving 85% employee adoption rate and tracking 1,200+ in-house training completions across Microsoft 365 platforms
- Architected database schemas for 5+ enterprise applications using SQL Server and ERD modeling, ensuring data normalization and optimized query performance for sub-second report generation

**Software Developer, *First American Financial Corporation***

**July 2019 - January 2021**

- Engineered document extraction and analysis system using Python (OpenCV, pandas) and Angular, processing 10,000+ structured documents monthly (mainly invoices) with 97% accuracy and 6x faster processing speed
- Coded 15+ RESTful APIs using .NET Core with C#, implementing test-driven development and reducing production bugs by 80% through comprehensive unit testing

## PROJECTS

**Location-Based Sales Forecasting & Interactive Dashboard**

**October 2025**

- Developed a sales prediction model using Snowpark ML pipelines on Snowflake with ETL workflows and built interactive Power BI and Streamlit dashboards for real-time visualization of historical trends and location-based recommendations.

**Data Analytics Project - BI Solution | Seed Stage Startup**

**April 2025**

- Performed EDA and designed ML classification models (SVM, Random Forest) achieving 83% accuracy on 250+ records, creating Power BI and R Shiny dashboards for KPI tracking improving lead generation.

## CERTIFICATION

**Microsoft Certified: Power BI Data Analyst Associate (PL-300) - In Progress**

## EDUCATION

**University of New Haven, Master of Science in Analytics (Provost Scholarship)**

**Connecticut, USA**

*Coursework: Data Mining, Data Visualization, Database Management, Business Forecasting, Digital Storytelling*

**GPA 4.0**

**Chiba Institute of Technology, Master of Engineering in Computer Science (Full Scholarship)**

**Chiba, Japan**

**SJB Institute of Technology, India, Bachelor of Engineering in Computer Science**

**Bangalore, India**