

# AMBIKA TIMILSENA

## DATA ANALYST



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## SKILLS

### Data Management:

Data Analysis  
ETL with Python scripts  
Data Quality Assessment  
Data visualization + storytelling  
Patterns and Trends Identification  
Preparation of Financial Statements using IFRS

### Tools:

SQL with MySQL, PostgreSQL, and BigQuery  
Advanced Excel Functions  
Basic ML with scikit-learn  
Python & Pandas  
Git and Github  
Tableau

## EDUCATION

### Data Analytics Bootcamp

CareerFoundry, Berlin, Germany

2022-2022

Intense 8 months data and business analytics and visualization Bootcamp program. Focused on Advanced Excel, Python (Pandas, Matplotlib, NumPy, Seaborn, and Scikit-learn), Advanced SQL, Tableau, Machine Learning, and Artificial Intelligence algorithms/models.

### ACCA

The Association of Chartered Certified Accountant, London, UK

2010-2015

### Bachelor's in Business Studies

Tribhuvan University, Kathmandu, Nepal

2009-2013

## INTERNSHIP

**Senior Audit Associate** Feb 2015 - Dec 2015

G & G Associates, Kathmandu

- Planned and conducted financial audits and government audits to assure financial statements are fairly presented.
- Coordinated multiple audit assignments and delegated tasks to associates and interns.
- Issued multiple financial statements and audit reports.

**Audit Associate**

Feb 2012 - Feb 2015

G & G Associates, Kathmandu

## LANGUAGES

English  
German (B2)  
Nepali (Native)

## PROFILE

Data Analyst with a background in account management. Seeking to leverage data analytical skills to improve corporate performance. Hands-on project experience with Statistical Analysis and Data Analytics with Excel, Tableau, SQL, and Python.

## PROJECTS

### Price Prediction in Airbnb Berlin (CareerFoundry Data Analytics Program) 2022

- Goal:** Analyze variables impacting the price and demand of Airbnb Listings. Predict optimal rental price in Berlin's Airbnb listing using **Linear Regression**.
- Process:** Compared the correlation between different variables with **Python Libraries**. Created **visualizations** with **Tableau**. Used **Jupyter Notebook**, **Seaborn**, **Folium**, **sci-kit-learn**, and **Geopy** extensively.
- Outcome:** Compelling **Python** and **Tableau** presentation using Machine Learning Algorithms (linear regression and clustering) and analysis of the model performance statistics.

### Instacart Basket Analysis (CareerFoundry Data Analytics Program) 2022

- Goal:** Perform an exploratory analysis of Instacart Grocery Basket to identify the variety of customers in the Instacart database. Explore the purchasing behaviors to create a targeted marketing strategy and marketing campaigns using Python.
- Process:** Analyzed historical data (34 million rows) using **Python Libraries**, derived new variables, **merged and grouped data**, and reported final results with **Excel**. Used **Jupyter Notebook**, **Pandas**, **Seaborn**, **Scipy**, **Numpy**, and **Matplotlib** extensively.
- Outcome:** Report with data flow, visualizations, and answers to business questions.

### Rockbuster Top Customer Analysis (CareerFoundry Data Analytics Program) 2022

- Goal:** Conduct a strategic analysis of movies. Discover the most loyal customers of a movie rental company. Inspect the demographics & spending behavior across the customer base.
- Process:** Extracted data from 16-table SQL database, used **PostgreSQL** for Database querying, filtering, cleaning and summarizing, and joining tables. Produced visualizations in **Tableau**, and presented final results in **PPT**. Used **subqueries**, **CTEs**, **JOINS**, **aggregation functions**, and **commands** excessively.
- Outcome:** compelling **Tableau** presentation drilling down to the top 5 clients

## PROFESSIONAL EXPERIENCE

### Account Manager, Civil Bank Limited 2017-2020

Kathmandu

- Used Finance and Accounting skills along with Business Intelligence tools to analyze the market growth and financial strength of corporate customers.
- Analyzed the credit strengths of **200+ prospective borrowers** in a year to make loan recommendations
- Acted as a credit risk officer for the assessment of the overall business and financial strength of corporate clients, SME clients as well as retail clients.
- Managed **USD 15 million+** of credit portfolio.
- Analyzed portfolios of **150+ long-term customers** periodically to identify weakness trends sending alerts to respective departments about deteriorating conditions
- Used **Excel and Tableau** for preparing Dashboards and analysis

### Account Manager, NIC ASIA Bank Limited 2017-2017

Kathmandu

- Acted as a consultant to **150+ customers** and a resource to the Bank in developing and retaining business.
- Evaluated **100+ borrowers' financial status, credit**, and property and made recommendations on pursuing loans

### Business Development Manager, NIC ASIA Bank Limited 2015-2017

Kathmandu

- Developed **4 new products** with competitive analysis, financial projections, market research, and marketing strategy by coordinating with various departments in the bank
- Built content and coordinated with the IT team to introduce **Customer Relationship Management Software (CRM)** for the first time in the organization.
- Introduced **Deal Tracking System for Retail Lending** in liaison with the IT team
- Designed and developed an online **Customer Retail Loan Tracking System** in liaison with IT