KHYATI NEMA

4701 N Washington St ● Stillwater, OK 74075 ● (480) 909-9781 ● knema@okstate.edu ● https://www.linkedin.com/in/khyati1007

EDUCATION

- **Master of Science** in Management Information Systems, **Oklahoma State University**, USA   **Aug 2020 – Present**
  Coursework: *Data Warehousing, Tableau, Statistics, Healthcare Analytics, Data Science Programming, Prescriptive Analytics*
- **Bachelor** (Honors) in Financial Accounting, Barkatullah University, India   **Aug 2007 - Jul 2010**

TECHNICAL SKILLS

- **Programming Languages and Libraries:** SQL, Python, R, SAS, NumPy, Pandas, Matplotlib, Seaborn, Dplyr
- **Tools and IDE:** MS Visual Studio 2017+, GitHub Desktop, NetSuite, SSIS, JIRA, Jupiter Notebook, Excel Solver, Confluence
- **Database Systems:** MS SQL Server 2008+, SAP ECC 7.0+, PostgreSQL, MongoDB, MS Access
- **Data Visualization Tools:** Tableau 2018+ (Desktop, Server, Prep), MS Excel, Google sheets, Power BI
- **Certifications:** SQL Nano Degree Udacity, **Cost Accountant** - Institute of Cost Accountants India (equivalent to CMA USA)

ACADEMIC PROJECTS

Oklahoma State University   Fall 2020 - Present

- **Airline Ops Metrics Dashboard Covid-19 Impact Analysis** *[SQL, Excel, Tableau]*
  Designed powerful stories & dashboards on Tableau to show impact of Covid on Flights Ops Metrics
- **Restaurant Chain Analysis** *[ETL, Data Warehousing, SSIS, SQL]*
  Created an ETL model, data diagrams, Star Schema using SSIS, SQL Server for restaurant franchisee
- **Social news Aggregator** *[Postgres]*
  Created normalized data model in Postgres and data migration using DML statements
- **IMDB TV Series rating analysis** *[Python, R]*
  Performed Web Scraping, data cleaning, Exploratory Data Analysis & analyzed to check the impact of multiple factors on ratings
- **Analysis on Deforestation around the world** *[SQL]*
  Provided recommendations to Forest Query Team based on data analyzed by joining multiple tables, creating views, CTEs
- **Injury Severity Prediction** *[Knime Analytics, Excel]*
  Investigated injury severity risk factors in automobile crash through KNIME predictive analytics

PROFESSIONAL EXPERIENCE

Data Analytics Graduate Assistant | Oklahoma State University | Stillwater, OK   Aug 2021 – Present

- Aiding Dr. Bryan Hammer in the evaluation of student works and preparation of "Data Science using Python" course material
- Delivered lectures and presentations on the course and covered several topics in SQL (Normalization, Schemas) and Python

Senior Data Analyst, Financial Analytics | Accenture | Bengaluru, IN   Jan 2017 - Feb 2019

- Launched Budgeting reports using Tableau, T-SQL, SAP to capture $80M+ in annual revenues for end Clients
- Provided value-added financial management and advice to client engagement teams which leads to an increase in profit by 12%
- Developed pricing support using Excel for extended business opportunities and reviewed pricing calculations for Microsoft
- Led forecast reviews with the senior leadership team and advised them on monthly results and variances to plan
- Generated data insights and tableau dashboards for leadership as well as departments across 5 different global locations

Data Analyst | AIG Analytics| Bengaluru, IN   Apr 2015 - Dec 2016

- Designed interactive tableau user stories and dashboards by analyzing and manipulating large volumes of claims data
- Prepared and maintained data in the data warehouse using SSIS to export data in SQL Server for efficient delivery to Tableau
- Automated journal entries and pay activities on SAP through Robotic Process Automation (RPA) which saved weekly 80 hours
- Performed revenue recognition of insurance premiums and carried out reconciliation process for inventory accounts

Business Analyst | IRIS Financial Services | Mumbai, IN   Dec 2013 - Mar 2015

- Developed 10K, 10Q reports for SEC filings and coordinated work using Stories, Sub-tasks assigned on JIRA & Agile Methodology
- Analyzed the financial statements of US tier 1,2,3 public companies and converted the same to XBRL format by relating the financial statements to the Standard US GAAP taxonomy through applying in-depth accounting knowledge
- Assisted clients on a weekly basis with any queries in their annual report iXBRL creation and submission process