

# PEGAH CHAVOSHI CHAMANI

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## SUMMARY

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Experienced data professional skilled in analysis and modeling for machine learning (ML) initiatives. Proficient in Python, SQL, Excel, and Power BI, with expertise in handling diverse data formats. Contributed to advanced AI models like Computer Vision and Large Language Models (LLMs). Skilled in robust data analysis and presentation for tracking key quality metrics.

## EDUCATION

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**Master of Engineering Management, Business Analytics**, Lamar University    Beaumont, TX — 2019 - 2021

**Bachelor of Science in Computer Engineering**, Azad University    Sari, Iran — 2008 - 2013

## SKILLS

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**Technical Skills**      MS Excel, Tableau, Power BI, Google Sheets, SQL, Python,  
MS Project, Salesforce, SAP CRM, SAS Visual Analytics,  
Data Modeling, Risk Analysis, SAP Crystal Reports, MS Access

## EXPERIENCE

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**Data Analyst**    March 2024 - Present  
Intuit Inc. via The Mom Project Inc.    *Mountain View, CA*

- Conduct QA analysis on tax data, ensuring accuracy and compliance across 10,000+ records
- Execute daily data redaction and spot checks for sensitive information, processing 500+ documents
- Manage access IPs and retrieve data using XML in Postman, optimizing daily processes for efficiency
- Facilitated efficient collaboration among diverse global teams, resulting in successful project milestone integration and improved timely delivery of results by 20%

**Data Analyst**    March 2022 - March 2023  
Apple Inc. via Apex Systems    *Cupertino, CA*

- Collaborated closely with the ML science team and stakeholders to ensure alignment on the utilization of in-house software and tools for labeling images for the 3D map team
- Improved 3D data quality by 20% through deficiency analysis and remediation and achieved 98% accuracy rate in QA for large datasets
- Elevated efficiency by 15% in managing critical datasets for computer vision models through software analysis, demonstrating active participation in enhancing software performance

**Sales Quality Analyst**    Oct 2013 - July 2015  
Kosar Insurance    *Qaemshahr, Iran*

- Achieved 20% higher sales productivity and 90% customer satisfaction
- Elevated sales interactions to achieve a 95% adherence to scripts and maintained 100% regulatory compliance

**Data Operations Intern**    Jun 2013 - Sep 2013  
Javahery Travel Agency    *Qaemshahr, Iran*

- Attained 85% customer satisfaction and a 30% boost in travel sales by expertly managing feedback and implementing proactive up-selling
- Elevated purchasing efficiency with weekly financial insights

## PROJECTS

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- **PigRoll Python Challenge**
  - Crafted a Python multiplayer dice game, strategically blending random die rolling and meticulous user input validation

- Engineered an immersive player experience with dynamic winning condition checks and a finely tuned turn-based structure
- **Cosmetic Chemical Analysis**
  - Investigated cosmetic products and their ingredients for harmful chemicals using Power BI
  - Utilized California Cosmetic Act program data (2009-2020), exposing harmful agents in cosmetics, while tracking trends for safety and transparency.
- **Bike Sales Analysis Dashboard**
  - Developed a comprehensive Bike Sales Dashboard in Microsoft Excel
  - Analyzed sales trends based on factors such as gender, income, age, and commute distance to gain insights into customer demographics and behaviors
- **Hotel Data Analysis**
  - Developed a database to analyze and visualize hotel booking data using MySQL Server and Power BI
  - Accomplished hotel revenue analysis and assessed guest parking capacity
- **COVID-19 Vaccine Tracker**
  - Created a dashboard to track COVID-19 vaccination progress around the world using Tableau for data visualization
  - Analyzed and visualized the data using interactive charts, graphs, and maps
  - Identified trends and patterns in the vaccination data using statistical analysis and data visualization techniques
- **Netflix Financial Risk Analysis**
  - Conducted Monte Carlo simulation to analyze Netflix's financial risk
  - Applied decision tree and FMEA techniques for cost and benefit analysis
- **Orion Star Financial Analysis Dashboard (SAS-VA)**
  - Provided detailed profitability and quantity data for each category in financial analysis dashboard
  - Assisted in making informed decisions regarding product mix, pricing, and other key business strategies
  - Highlighted low-profit and order categories, identified loss-generating fitness products and top ordering cities to improve profitability
- **Scheduling and Sensitivity Analysis of Models for MedCON**
  - Utilized Microsoft Project to estimate project completion date by analyzing activity duration and predecessors
  - Revealed the critical path and slack time to assess the project's sensitivity