Yukta Chavan

Australia (Open to contract/full-time roles)

+61- 0432 395 521 | chavanyukta@gmail.com | linkedin.com/in/chavanyukta | github.com/chavanyukta

CAREER SUMMARY

Master of Data Science graduate with 2 years' experience in data analysis, data reporting, and client engagement across corporate and fast-paced environment. Proficient in Advanced Excel, Power BI, SQL, Python, with exposure to Macros. Known for transforming complex datasets into strategic insights to support data-driven decision making.

TECHNICAL SKILLS

- **Data Visualization & Reporting:** Power BI, Qlik Sense, Tableau, Advanced Microsoft Excel.
- **Programming languages:** Python, R, SQL.
- **Database & Cloud systems:** IBM Cloud, SQL Server.
- **Collaboration & Tools:** GitHub, Jupyter notebook, SharePoint, Power Query, Power Automate, Macros.
- **Machine learning & AI:** Regression, Model evaluation, Classification, Neural Networks.
- **Data management:** Data cleaning, Structuring, Data validation, Reconciliation, Reporting.

EDUCATION

2022 - 2024

University of Adelaide
Master of Data Science.
Received High Distinction in Computer Science A and Distinction in Data Literacy and Human Ethics.
Received the Global Citizens Scholarship.

2018 - 2021

University of Pune
Bachelor of Science.
Received First Class with Distinction.

WORK EXPERIENCE

2025 - 2025

Data Analyst Intern
Premier Development Group | Adelaide, Australia

- Developed proactive Excel-based project management tool (with Gantt charts and resource monitoring) to improve decision-making across multiple projects. Project-management-tool.
- Designed interactive Power BI dashboards to track performance metrics, offer HR and senior management with insights.
- Conducted a thorough data analysis with Excel macros and Power BI (DAX), which included cost predictions, construction timetables, and market viability.
- Collaborated with project stakeholders to present timely, relevant workforce and cost trend research.

2024 - 2024

Crew Member (Contract role)
Yiros Plus | Adelaide, Australia

- Entered, reconciled inventory and sales data from supplier records (PDFs/Excel) using excel spreadsheets.
- Developed interactive Power BI dashboards for inventory tracking, profit analysis.
- Provided insights about stock levels which resulted to 28% increase in profit margins, 70% reduction in waste.

2021 - 2022

Data Analyst Intern
Siemens Pvt Ltd | Nashik, India

- Cleaned, structured, and modelled pricing data to identify potential cost-saving opportunities.
- Designed Excel dashboards to improve data analysis and automate key procedures, reducing analysis time by 30%.
- Collaborated with the R&D department to provide data-driven insights, supporting product development and pricing strategies.

RESEARCH PROJECTS

2025 - 2025

Retail Business Financial Analysis Dashboard – Power BI
Power BI, Power Query, DAX, Data Modelling, Financial Analysis

- Developed a star schema (Sales fact + Date, Product, Region, Segment dimensions), cleaned and converted the Kaggle financial information (20K+ records) using Power Query, and generated a Date table for time-related intelligence.
- Designed 15+ DAX measures, including product-level profitability, discount impact analysis (~1.72M provided), total sales, profit, profit margin percentage, YTD growth, and YoY comparisons.
- Generated an interactive Power BI dashboard that improved data security and accessibility by using drilldowns, tooltips, trend analysis, and Row-Level Security (RLS); posted the project on GitHub. View report.

2024 - 2024

Identifying the Performance Analysis of Ancient DNA Sequencing Methods
R, Regression, Statistical Modelling, Research Project

- Applied mixed-effects and beta regression models in R, assessing efficiency of more than 50 ancient DNA samples from the EAGER dataset.

- Evaluated Twist Bioscience and 1240k capture rates, endogenous DNA yield, and sample variability.
- Created a structured study report, included methodology, statistical findings, and suggestions. View report.
- Presented findings via a YouTube presentation. View presentation.

2023 - 2023   Breast Cancer Classification- Supervised Learning and Model Evaluation
  Python, SVM/KNN/Decision tree, Cross Validation
- Implemented supervised learning algorithms, including SVM, KNN, and Decision Tree in Python, to a dataset of 300 histology samples with 30+ features.
- Applied grid search with stratified cross-validation for hyperparameter tuning, achieving robust performance.
- Achieved strong accuracy with AUC = 0.97, F1 = 0.94, demonstrating capacity to optimize AI models. View report.

CERTIFICATIONS AND AWARDS
- IBM, 2025. Databases and SQL for Data Science with Python, link.
- Google Data Analytics Certificate (Ongoing).
- Received the "Best Outgoing Student of the Year 2016" award.
- Received the "Crew Member of the Month" honor for delivering outstanding performance.

REFEREES
• **Gabriella Robins** | Shift manager, McDonalds | +61-0424294968 | grobins07@icloud.com

• **Ajay Jaiswal** | Senior manager, Premier Development Group | +61-0410718813 | jaiswalajay1274@gmail.com.

• **Prajakta Chavan** | HR, Siemens | +91-7774052168 | chauvanpraj@gmail.com.