

CHINJU BABY

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SUMMARY

Data science graduate with a keen interest in analyzing complex datasets to enable sound top-level decision-making. I am excited about new challenges and opportunities to apply my Knowledge in data analytics and visualization to help businesses achieve their strategic objectives. Furnish insights, analytics to obtain results. Always motivated to learn, grow and excel in the industry.

KEY SKILLS:

- Data Analysis • Data Visualization • Data Modeling • Data Mining • Data Reporting
- Data Manipulation • Data Collection • Trend Analysis • Quantitative Analysis • Complex Data Sets

TECHNICAL SKILLS:

- **Tools:** Python,Sql,Tableau,Excel.
- **Libraries :** Pandas, Numpy, Matplotlib, Scikit-learn,Seaborn.

EDUCATION AND CERTIFICATIONS

Master's in Data Science

Sep '23

Simplilearn Certified in Data Science and Business Analytics

Bengaluru,IN

- **Course Modules:**

- Data Science with Python | Machine Learning | Statistics for Data Science | Business Analytics with Excel| SQL| Tableau

B.Tech in Computer Science

Jun '12

University of Calicut

Kerala,IN

- Percentage:67%

Experience

Java Programmer

Jan '15 - May '16

Iband Technologies

Kerala, IN

- Involved in gathering, analyzing and documenting business requirements, functional requirements and data Specifications for **application development**.
- Extensively used **HTML** and **JSP** for the presentation layer along with Java script for client side validation. Created dynamic web pages using **Struts framework**

DATA SCIENCE PROJECTS:

- **Project 1: Retail Analysis for Walmart** | Tech Stack: Python, Linear Regression
 - Forecasted future sales and demands with **98%** accuracy by deploying Linear Regression .
 - Exercised **Random Forest Regressor** and **Linear Regression** to predict sales.
 - The data have been split into training and testing with a ratio of **80:20**.
 - **Analyzed** holiday sales and identified days with maximum sales as part of the pre-loading supplies

- **Project 2: Income-qualification Machine Learning Project Using Python .**
 - Determined the level of **income qualification** needed for the families in Latin America
 - Estimated the accuracy of the model gauged by **Random Forest Classifier** algorithm
 - Reviewed with help of **accuracy_score, confusion_matrix, f1_score, classification_report**
 - Checked the accuracy using **random forest with cross validation** got an accuracy of **94.06%**.
- **Project 3: Health Care project to evaluate the patient is diabetic or not, Tools: Python, Tableau**
 - Utilized a number of Machine Learning models and applied various **classification algorithms** for the prediction of diabetes.
 - Monitored by using **classification algorithms** like Linear Regression, Decision Tree, KNN, SVM, XGB, ADA, GNB
 - Designed a **dashboard** for the **visualization** of various parameters and finally deployed model.
- **Project 4: Designing a Sales Dashboard Using Excel | Tools : Microsoft Excel, Data Analysis Add-in**
 - Prepared the **sales table region-wise and sales profit table month wise** in the working sheet.
 - Created a Column Chart of the **month-wise table and region-wise table**.
 - Designed a **user control combo** box for product category and the trend month-wise and product-wise accordingly.
- **Project 5: Comparative Study of Countries Using Tableau| Tools : Tableau**
 - Generated a **dashboard** to compare all the parameters for different countries, strategize market penetration .
 - Conceived a **KPI Table** to show the comparison between the selected period and the period prior to the selected one.
 - Devised **Growth Indicator Shapes** based on the Growth % and **trend line** to show the selected category values.
 - Fashioned a **dashboard filter** for income group to be applied for all charts with the filter action enabled in the map as well
- **Project 6: Employee Performance Mapping** | Tools: Sql
 - Composed an **ER** diagram for the given **employee** database.
 - Developed a **stored procedure** to retrieve the details of the employees whose experience is more than three years.
 - Calculated the bonus for all the employees, based on their ratings and salaries.
 - Monitored by the **formula: 5% of salary * employee rating**.
 - Computed the **average salary** distribution based on the continent and country.

Extra Curricular Activities

- Vlogging <https://www.youtube.com/@chinjusvlogs1721>
- Anchoring events