# Prriyamvradha Parthasarathi

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## CERTIFICATIONS & TECHNICAL SKILLS

**Certifications**:   Alteryx Designer Core Certified, Google Analytics Certified, SQL Fundamentals (ANSI) certified.
**Tools**:            Alteryx, Tableau, Power BI, Metabase, Qlik Sense, Adobe Analytics, Google Analytics, Excel VBA, JIRA, Git
**Programming**:  SQL, R, Python, SAS
**Databases**:      MySQL, Oracle, MongoDB

## PROFESSIONAL EXPERIENCE

**Data Specialist - Kaay Labs Inc,** United States                                June 2024 – Present
- Engaged with cross-functional teams to understand data requirements and **translate business needs** into technical specifications for data extraction and analysis.
- Coordinated with the Gen AI team to understand data requirements, utilizing **JIRA** for project tracking and **Confluence** for documentation, facilitating seamless data integration and usage.

**Data Analyst Intern - Kaay Labs Inc,** United States                        June 2023 – August 2023
- **Optimized SQL** queries to enhance database performance, achieving a 25% improvement in query execution speed and overall system responsiveness.
- Partnered with stakeholders to **gather requirements** and define user stories, ensuring alignment between business objectives and technical solutions.
- Developed and maintained interactive metrics and **dashboards** using **Tableau**, contributing to a 30% increase in user engagement and enabling stakeholders to make informed decisions in real time.
- Conducted **gap analysis** to identify discrepancies between current and desired state processes, leading to the implementation of targeted solutions that improved efficiency by 20%.

**Senior Data Engineer - Larsen and Toubro Infotech LTI**, India                        May 2019 – July 2022
- Engineered and implemented a highly efficient **ETL** reporting system, streamlining data extraction, transformation, and loading processes, resulting in a 40% reduction in data processing time.
- Enhanced, modified, and maintained **SQL queries** and procedures for reports and improved SQL queries which reduced client application runtime by 50%.
- Conducted training sessions, leading to a 40% boost in team data literacy, fostering **data-driven decision-making**.
- Led a team of 20 members and **collaborated** with the client on upgrading a web application (MHUB 4. x) and completed upgrade without impact within 2 months and received strong client appreciation for efforts.
- Facilitated user acceptance testing (UAT) sessions and **incorporated feedback** to refine system functionalities, resulting in a seamless transition to the new system with a 95% user satisfaction rate.
- Worked with cross-functional teams to prioritize project tasks using **Agile methodologies**, resulting in a 15% increase in project delivery speed and adaptability to changing business requirements.

## PROJECTS

**Gender Dynamics and Compensation Analysis using MySQL|** *(MySQL, Tableau)* | **GitHub**                November 2023
- Performed an analysis of gender dynamics and compensation trends, utilizing **MySQL** and **Tableau**. Quantified a 20% reduction in gender-related pay disparities since 1990, informing strategic decision making.

**HR Employee Survey Response Analysis using Excel |** *(Microsoft Excel)* | **GitHub**                February 2024
- Visualized survey response data from approximately 1,500 employees in Washington state using **Excel**, effectively displaying departmental distinctions and average response trends through intuitive **bar charts**.

**Instacart Market Basket Analysis using Tableau |** *(Microsoft Excel, Tableau)* | **GitHub**                November 2023
- Analyzed 3 million Instacart grocery orders, revealing peak hours, top products, and customer behavior through **histograms**, **bar charts**, and **tree maps**, and created a **storyboard** to inform strategic decision-making.

**Financial Performance Analysis Dashboard using Power BI |** *(ETL, DAX, Power BI)* | **GitHub**                December 2023
- Transformed diverse datasets in **Power BI**, defined a robust **data model**, implemented advanced **DAX** measures, and designed a compelling "Topline Performance" dashboard for Financial Performance.

## EDUCATION

**Master of Science, Business Analytics -** The University of Texas at Dallas | GPA 3.83 - Scholar with Distinction     May 2024
**Major** – Data Analytics
**Bachelor of Engineering, Electronics and Communication Engineering -** Anna University | GPA 3.30                April 2019