# DIVYA PRAMOD PAKHALE

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## SUMMARY

Data Analyst with 2 years of experience in interpreting and analysing data for driving business solutions. Proficient knowledge in statistics, mathematics, and analytics. Excellent understanding of business operations and analytics tools for effective analyses of data. Worked as a Graduate Assistant to analyse students' performance, developed charts and visualizations using Tableau, hands-on experience in data manipulation using MySQL to extract records, performed data querying depending upon needs and creating reports using advanced Excel functions.

## EDUCATION

**California State University-Los Angeles, CA**                                                                                      **Aug'17 – May'19**
*Master of Science in **Information Systems***                                                                                                    GPA: 3.61
**Bachelor's in Computer Engineering,** Pune University, India                                                        **Jun'10 – May'14**

## TECHNICAL SKILLS

**Programming Languages:** R, Python (NumPy, Pandas, Scikit-Learn, Matplotlib).
**Databases:** SQL Server, MySQL, PostgreSQL, Big Data- Apache Hadoop, Hive, Pig, MS Access.
**BI Tools:** Tableau, Microsoft Power BI, Microsoft Excel (Advanced).
**Tools:** R Studio, Anaconda, Eclipse, JIRA, Selenium, Quality Centre, IBM Bluemix, Google Analytics, Weka.

## PROFESSIONAL EXPERIENCE

**Data Analyst,** Capita India Private Limited, India                                                                            **Jun'15 – Jun'17**

- Responsible for gathering requirements from Business Analyst, identifying and curating the data sources required for the request.
- Designed and developed Ad-hoc reports as per Business Analyst, project manager data requests.
- Extracted, analysed and presented visualization of data to help Project Managers' make appropriate business decisions.
- Worked on data profiling, data analysis and validating reports.
- Designed and developed various complex SQL queries.
- Trained in bug tracking, issue tracking and raising tickets using JIRA.

## ACADEMIC PROJECTS

**Analysis on Cancer Dataset**                                                                                                                **Aug'18 – Dec'18**
Implemented a project on cancer dataset where we analysed total death rate due to lung, breast and colon cancer using **Python**. Pie-chart showing state wise death percentage due to different types of cancer, total deaths and total number of births using scatter plot.

**New York Times Data Analysis using Hive**                                                                                        **Aug'18 – Dec'18**
Performed data analysis on New York Times dataset using **HIVEQL** queries and presented visualization to derive insights using PowerBI, Tableau, & Excel 3-D Maps, served the purpose of understanding and analysing the public mindset, analysing behaviours of the top commentators such as which topics they most likely comment and the sentiment analysis of the comments.

**Analysis on Movies**                                                                                                                               **Aug'18 – Dec'18**
Worked with large IMDB dataset to analyse the economic and geographical factors affecting movie industry, implemented predictive analysis on the movie data set which predicts the rating of movies using different categories of charts, using **PowerBI** for data visualization and found out the top 10 gross making movie of all-time using line chart.

**Death Rate due to Pneumonia and Influenza**                                                                                  **Jan'18 – May'18**
Implemented code in **R** to find out death rate due to pneumonia and influenza, using different types of graphs, plots and charts to make interesting visualizations.

**Chicago Crime Rate**                                                                                                                            **Jan'18 – May'18**
Analysed crime data from Chicago for the years of 2001 – 2017, with several variables such as district, type of crime, as well as the time of year in order to explore trends and relations between variables. Developed several dashboards in **Tableau**, to tell a story about why the data may have showed the trends that it did, including arrests vs. non-arrests and crimes that happened on location types such as the street.

## JOURNAL PUBLICATION

- Evaluation of Machine Learning Courses for Data Science Curriculum in American Higher Education.
  Shilpa Balan, **Divya Pakhale**, Neha Shashidhara Guli. ACET Journal of Computer Education and Research (2018)
  https://acet.ecs.baylor.edu/journal/ACETJournal_Vol12/Evaluation%20of%20Machine%20Learning%20Courses_Sept_2018.pdf
- Participation in conferences like Big Data Science USC, IDEAS So Cal Conference, INFORMS.