

# AARATHY BABU

## Master of Business Analytics Candidate at Monash University

A budding result-oriented Business Analytics Masters student with 2 years of experience in the business field and has the ability to take challenges head-on with determination and perseverance, also an extremely passionate and enthusiastic data analyst who aims to help the organization to make data-driven decisions and has an affinity towards problem-solving.

## PROFESSIONAL EXPERIENCE

- December 2020  
|  
February 2021
- Casual Research Assistant**  
Monash University 📍 Melbourne, Australia
- summer project to conduct a visual inference study on appropriate residual diagnostics for multi-level models.
- June 2018  
|  
February 2020
- Proprietor**  
Carto Tech 📍 Kerala, India
- Managed a small scale carton product quality.
  - In charge of planning ,scheduling and staffing of the plant.
  - Developed efficient strategies for cost reduction without jeopardizing

## EDUCATION

- February 2020  
|  
Present
- Monash University**  
Master of Business Analytics 📍 Melbourne, Australia
- Grade Point Average : 3.5/4 GPA
- Scholarship Recipient of AUD \$8000.
- July 2014  
|  
June 2018
- Amrita Vishwa Vidyapeetham**  
B.tech Electrical and Electronics Engineering 📍 Kerala, India
- Grade Point Average: 8.75 CGPA

## VOLUNTEER EXPERIENCE

- Feb 2020
- Member of Monash Student Association**  
Monash University 📍 Melbourne, Australia
- Member of Monash Student Association as well as Monash Graduate Association.
  - Volunteer for Monash Student Association.
- June 2017
- Event Coordinator**  
Amrita Vishwa Vidyapeetham 📍 Kerala, India
- Event Coordinator for Student social responsibility report presentations.

## CONTACT INFO



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🖥️ <https://aarathybabu.netlify.app/>

For more information, please contact me via email.

## SKILLS

R  
LaTeX  
SQL  
Microsoft Office  
GitHub  
Time and Crisis management  
Tableau  
Statistical Thinking  
Experienced in Management  
Proficient in Data Analysis and Data Visualization  
Beginner in Morse Code

- April 2017

**Educator**  
 Amrita Vishwa Vidyapeetham 📍 Kerala, India

  - Conducted a seminar on “Feature Interactions Detection and Resolution in Smart Home Systems”.
  - Conducted seminars in various schools on the topic of Science and Technology as a part of Student Social Responsibility drive.
- September 2014  
 |  
 September 2016

**Student Volunteer**  
 Amrita Vishwa Vidyapeetham 📍 Kerala, India

  - Worked as service representative for Social Service activities conducted by Mata Amritanandhamayi Math.

## PROJECTS

- December 2020  
 |  
 February 2021

**Visual inference for graphical diagnostics of linear mixed models**  
 On going project on graphical diagnostics focusing on the residual analysis to test the relevant hypotheses based on various simulation approaches.

📍 Melbourne,Australia  
 Kaiwen Jin, Dr. Emi Tanaka , Professor Dianne Cook, Dewi Lestari Amaliah and **Aarathy Babu**
- September  
 |  
 Present

**Blog**  
 Maintaining a blog on analysis of different interesting datasets such as The Himalayan expedition archives,COVID-19 data etc.

📍 Melbourne,Australia
- September  
 |  
 October 2020

**Analysis on  $CO_2$  Emissions**  
 A blog post on analyzing  $CO_2$  emissions in Australia as well as the world.The analysis also explores the correlation between carbon emissions and renewable energy sourced generation of electricity.

📍 Melbourne,Australia
- August 2020

**Exploratory Data Analysis on US Tuition Cost**  
 An exploratory data analysis on the US tuition cost using the dataset released as a part of a Social data project,Tidy Tuesday. The report aims to see if education in US is worth investing.

📍 Melbourne,Australia  
 Siddhant Tirodkar, Priya Dingorkar, Wang Junhao and **Aarathy Babu**
- August 2020


**Analysis on Passwords**  
 An exploratory data analysis on the commonly used passwords using the dataset released as a part of a Social data project,Tidy Tuesday. The report focuses on what the characteristics of the most common passwords in the interest of security are and the common trends in the creation of passwords.

📍 Melbourne,Australia  
 Lachlan Moody and **Aarathy Babu**


June  
2020

- **Report on Migration across the World in 2015-16.**  
The report is a result of a collaborative analysis on an extensive dataset on the immigrants from OECD countries to non-OECD countries provided by The Organisation for Economic Co-operation and Development(OECD).Individual contribution to the project includes the determination of the top destinations for migration, the gender difference in migration in total and across different age groups as well as the assessment of the limitations of the dataset used in the analysis.  
 Melbourne,Australia  
**Aarathy Babu**, Priya Dingorkar, Dilinie Seimon and Wang Junhao.


May  
2020

- **What's your Fantasy Cricket Team?**  
Collaborative project which helps cricket enthusiasts pick their own fantasy cricket team with the criteria that they think is fit to assess a player. Individual contribution tincludes data analysis and visualisations of the Expert's team as well as the twitter data analysis of the popularity of each player within the team..  
 Melbourne,Australia  
Rahul Bharadwaj, **Aarathy Babu**, Wang Junhao and Soban Qasim.

April  
2020

- **Report on Violence against Women**  
The report discusses the data collected from the Gender, Institutions, and Development Database 2019 database of the Organisation for Economic Co-operation and Development. The data used in the analysis focuses on the violence against women from all income backgrounds around 180 countries including OECD and Non-OECD economies.  
 Melbourne,Australia

April  
2020

- **Resume building using R Markdown**  
Using R markdown to build a customized resume for self.  
 Melbourne,Australia



## INTERESTS

- **Data Analysis , Indian History , Temple Architecture , Sociology , Blogging , Morse Code**