

Arth Mukeshbhai Patel

+61 411 857 221
13 Dalli St, Schofields, NSW 2762

Patelarth011@gmail.com
[Patelarth.github.io](https://github.com/Patelarth)

Objective	Proactive candidate with excellent analytical and organizational abilities seeking a Data Scientist role at a leading organization, bringing advanced programming skills as well as a strong ability in machine learning and computer science to drive business development. Experience in cleaning and transforming data to provide data-driven recommendations and conducting statistical analysis to identify patterns.
Education	<p>Macquarie University – AUSTRALIA - Master of Data Science (2020 – Present) Distinction Average (76 WAM)</p> <ul style="list-style-type: none">▪ Coursework in machine learning, Deep Learning, Data mining, statistics, and big data technology.▪ Database management system for constructing the Data-warehouse using ETL.▪ Data visualization, preprocessing and Statistical Analysis tools like tableau, Imply-Apache Druid, Python, Microsoft Excel sheet, SPSS and R.▪ Web development using Strapi API and NodeJS with database MongoDB and MySQL. <p>Gujrat Technology University – INDIA - Bachelor of Information Technology (2015 – 2019) Distinction Average (8.1 GPA)</p> <ul style="list-style-type: none">▪ Learned several subjects such as Data structure, project management, calculus, object-oriented programming, and many others.▪ Developed communication skills and gained knowledge in different programming languages.▪ Web development with PHP and python.
Relevant Experience	<p>Data Analyst Intern – Part-Time, National Solar Energy Group (June 2021 – Present)</p> <ul style="list-style-type: none">▪ Working on data of the company to analyze the problems and generate Power Bi dashboard.▪ Understanding the data and come up with a meaningful and relevant hypothesis.▪ Problem-solving with data visualizations or algorithms (Exploratory Data Analysis).▪ Help to gain exclusive insights about the market and stay ahead of market competitors. <p>Data Science Intern, SoftVan Technologies (December 2018 – April 2019)</p> <ul style="list-style-type: none">▪ Worked on some real-world problems and solved them using data science tools like Python, NumPy, pandas, visualization, sklearn.

	<ul style="list-style-type: none"> Achieved proficiency in the programming language Python and learned the web development framework FLASK. Learned about machine learning models and developed the project called <i>Predictive Intelligence for Travelers</i> to ensure the best flight experience. <p>Web and Graphics Designer, VIDHI Graphics Design (July 2019 –December 2020)</p> <ul style="list-style-type: none"> Gained experience in design tools like CorelDraw, Adobe software and Style sheet language. Played a key role in designing the web using the key web development tools and graphics designing software.
Casual Employment Experience	<p>Pizza Hut Marsden Park– Shift supervisor (2020 – Present)</p> <ul style="list-style-type: none"> Conducting excellent customer service and solving customer complaints using professional communication in a fast-paced, high-intensity work environment. Minimized food wastage whilst operating on a strict budget by conducting regular date checks and stock rotation policies.
Award and Certification	<p>Google Data Analytics - Coursera (Ongoing)</p> <p>AWS fundamentals - Coursera (Ongoing)</p> <p>Mozilla Club: Joined the Mozilla club while pursuing a Bachelor of Information Technology for 2 years and contribute to many Mozilla cybersecurity activities. Like, Rust Hack and Learn & Master Git.</p> <p>Digital Ocean: Participated in the Digital Ocean Hackathon to learn more about the cloud service.</p> <p>LOGOUT, Mozilla: Campaign of Cyber Awareness. Public speaking regarding Cybercrime. Worked with cyber experts.</p> <p>Rajasthan Hackathon, Bikaner (Hackathon 5.0): Develop a project to help people to select and locate buses for easy commute.</p> <p>Sahaay (Community of Non-profitable NGO): Worked in Sahaay as a volunteer web developer (PHP).</p>
Technical Skills	<p>Language</p> <ul style="list-style-type: none"> Python, R, PHP, JavaScript <p>Database</p> <ul style="list-style-type: none"> Relational database (MYSQL, Oracle, SQL Server), NoSQL (MongoDB) <p>Web Development Tools and Framework</p> <ul style="list-style-type: none"> Flask NodeJS <p>Analysis Tools</p> <ul style="list-style-type: none"> Microsoft Excel and Google sheet

	<ul style="list-style-type: none"> ▪ Tableau, Apache Druid-Imply and Power BI. ▪ Data science tools (pandas, NumPy, Sklearn, Keras, SPSS, TensorFlow etc.)
Key Skills	<ul style="list-style-type: none"> ▪ Meet changing deadlines while still producing high-quality work ▪ Collaborating and working well together with others ▪ Solution-focused, Flexibility and Positive attitude ▪ Strong interpersonal and communication skills. ▪ Data Cleansing and Transformation, machine learning and Competitive programming
Projects GitHub and Kaggle	<p>Analysis Portfolio</p> <ul style="list-style-type: none"> ▪ Strava and Golden Cheetah Analysis of the Strava and golden cheetah datasets using the python tools and provide the insights and relationship between the data. Strava is an online social network site for cycling and other sports and the golden cheetah is the software that provides the details of the power, speed and heart rate data of the rider or sportsperson. ▪ COVID-19 Pandemic Analysis Analysis on live Covid -19 data which is published by Johns Hopkins University. Provide the data visualization and analysis of the covid death rate and spreading rate of the different countries using thy python dynamic code. ▪ CMU Book Summaries Corpus Different types of books and their summary analysis, apply TF-IDF to identify the importance of the word in the books and for identification of the type of book from the summary train the conventional machine learning model logistic regression and K-nearest neighbours. <p>Predictive intelligence to insure travellers.</p> <ul style="list-style-type: none"> ▪ A Python and Machine Learning-based project that forecasts flight conditions and provides travellers with the appropriate delay time and insurance coverage. <p>Google App Analysis</p> <ul style="list-style-type: none"> ▪ An examination of the Google app store statistics to determine which age groups are most likely to utilize apps. What are the user's feelings, according to the app? Considering which features are more helpful in increasing app downloads. <p>Kaggle Facial Expression Recognition</p> <ul style="list-style-type: none"> ▪ Participate in the Kaggle Competition which is hosted by Macquarie University and submitted the effective traditional and deep learning model to improve the accuracy score.
Reference	Available upon request

[LinkedIn](#)

[GitHub](#)