

## Amul Upadhyay (Sandyford, Dublin)

**LinkedIn:** <https://www.linkedin.com/in/amul-upadhyay>

**Work Permit:** Stamp 1G (Allowed to work for any employer in Ireland)

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**Sponsorship:** Not Required

## Technical Skills

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- **Data Collection:** Database Design and Management, Data Quality Assessment, Data Analysis, Pattern and Trend Identification.
- **Data Cleaning:** Python(Pandas, NumPy, Plotly), SQL, R(Tidyverse, Dplyr, ggplot2, knitr).
- **Data Visualization/Reporting:** Tableau, MS Excel, Power BI.

## Certification

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- **Google Data Analytics Professional Certificate (8 Certifications)**

*Data Analytics Certification*

*Online, Coursera*

*Feb. 2021 –May 2021*

## Projects

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- **COVID-19 Ireland County Wise Analysis:** Data Gathering and analysis of Twitter data of Ireland.
- **Tableau Oscar Winners:** A stunning visualization is created using tableau and Oscar open-source data.
- **COVID-19 World Vaccination Status:** Status of COVID-19 vaccination program in countries around the world.
- **Google Cloud Sentiment Analysis:** A real-time sentiment analysis using Google Cloud data pipeline and NLP was created on live Twitter data.

## Experience

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- **AIP Technologies**

*Data Science Intern*

**Cork, Ireland**

*Mar. 2020–Jul. 2020*

- **Data Analysis and Visualization:** Built and optimized the data view that enhanced overall performance by 22% with the creation of real-time Dashboards using Tableau.
- **Data Cleaning:** Using MS Excel to aggregate and clean data.

- **Panamax Infotech Ltd**

*Software Engineer*

**Ahmedabad, India**

*Sep. 2017–Sep. 2018*

- **Data Collection:** Effectively implemented a survey to collect data from more than 20 universities to find out the most preferred mode of payment, resulting in 30% more data.
- **Application Development:** Wrote elegant SQL queries to fetch and clean data from the Postgres database.

- **Hodusoft Pvt Ltd**

*Software Developer*

**Ahmedabad, India**

*Apr. 2016–Aug. 2017*

- **Application Development:** Created an educational App that was used by parents to track their kids' activities.
- **Data Analysis:** Analyzing different schools' data to know the competition and create a business model.

- **360 Web Pointer Infosystem**

*Data Analyst*

**Surat, India**

*Aug. 2013–Apr. 2016*

- **Data Preparation:** Gathering data from organizations, storing cleansing, and transforming it using SQL and Excel to answer a business problem.
- **Stakeholders:** Determine stakeholders (clients / internal teams/vendors), and establish areas for additional stakeholder involvement. Assess the impacts to each (multiple) stakeholders involved.

## Education

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- **Letterkenny Institute of Technology**

*Master of Science in Big Data Analytics; GPA: 2.1*

**Letterkenny, Ireland**

*Sep. 2018 – Feb. 2021*

## Leadership and Extracurriculars

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- **Chair of Association of Computing Machinery- Women's Chapter**

**Sep 2020 – Feb 2021**