

# TARUN TRIPATHY

✉: [tripathytarun42@gmail.com](mailto:tripathytarun42@gmail.com) | ☎: 9508049112 | 🌐: [Tarun-Tripathy](#)

## ACADEMICS

Qualification	Institute	Board / University	Year
B. Tech	BML Munjal University, Gurgaon	BML Munjal University	2024
Senior Secondary	Hill Top School, Jamshedpur	Indian School Certificate (ISC)	2020

## CERTIFICATIONS / PUBLICATIONS

- **Certificate of Communication Seminar enriching Behavioral Communication & Body Language.**
- **SQL - MySQL for Data Analytics and Business Intelligence.**
- **Cisco Skill Academy- PSAP**
- **Microsoft Azure**

## INTERNSHIPS

<b>Deloitte USI-Intern, Gurgaon</b> June 2023 – July 2023	<ul style="list-style-type: none"><li>• Retrieved and prepared large tax-related datasets using <b>Python and SQL</b>, ensuring <b>data accuracy and consistency</b> for analysis.</li><li>• Applied <b>statistical techniques like regression</b> and <b>Python Libraries</b> to uncover trends, anomalies, and insights in financial and tax data.</li><li>• Created <b>dashboards</b> and <b>visualizations</b> using <b>Matplotlib, Seaborn and Power BI</b> to communicate insights effectively. Integrated solutions on the <b>Azure cloud platform</b> for efficiency.</li></ul>
<b>EpsilonIT NZ-Data Analyst Intern</b> Feb 2024 – July 2024	<ul style="list-style-type: none"><li>• Partnered directly with the executive team to <b>formulate and report on Kpi's</b> across the web properties using <b>SQL and Google Sheets</b>.</li><li>• Built a <b>logistic regression model</b> to help the <b>SEO</b> team decide which keywords to target resulting in a <b>15% lift in YoY site visitors</b>.</li><li>• Collaborated with product managers to perform <b>cohort analysis</b> that identified an opportunity to <b>reduce pricing by 22%</b> for a segment of users to <b>boost yearly revenue</b>.</li></ul>
<b>Techgeekz Services-Business Analyst Intern</b> Oct 2024 – Dec 2024	<ul style="list-style-type: none"><li>• Streamlined workflows by identifying inefficiencies and proposing <b>data-driven solutions</b>, resulting in a notable <b>increase in operational efficiency</b>.</li><li>• Fostered collaboration between <b>IT and marketing teams</b>, ensuring alignment between <b>technical requirements and business objectives</b>.</li><li>• Delivered <b>impactful presentations</b> to senior management, translating <b>analytical findings</b> into actionable recommendations that <b>shaped strategic decisions</b>.</li></ul>

## PROJECTS

<b>Risk Assessment Analytics Platform</b>	<ul style="list-style-type: none"><li>• Developed using <b>Python and Tableau</b>, processing over 100,000 data points efficiently.</li><li>• Utilized <b>Scikit-learn for predictive modeling</b>, achieving an 85% accuracy in risk forecasts.</li><li>• Implemented interactive dashboards, enhancing <b>risk visualization</b> for 20+ key stakeholders effectively</li></ul>
<b>Sales Performance Dashboard Development</b>	<ul style="list-style-type: none"><li>• Applied Agile principles with <b>JIRA</b> for task management and iterative development throughout the project lifecycle.</li><li>• Employed <b>SQL for data extraction</b> and <b>Python</b> (using <b>Pandas</b> and <b>NumPy</b>) for data analysis to identify sales trends and KPIs.</li><li>• Developed an <b>interactive Tableau dashboard</b> to visualize metrics and presented insights using <b>PowerPoint</b>, resulting in a <b>10% increase in quarterly sales</b>.</li></ul>
<b>FIFA Game Analysis</b>	<ul style="list-style-type: none"><li>• Built an <b>ML Model</b> to predict a player's overall <b>FUT rating</b> based on Data sources from <b>Kaggle</b> containing player attributes and ratings.</li><li>• Employed <b>Python</b> to conduct <b>exploratory data analysis</b> to identify correlations between attributes. Leveraged <b>PySpark</b> to <b>preprocess</b> the data and <b>split</b> it into training and testing sets.</li><li>• Developed and <b>trained multiple ML</b> models to compare performance and selected the best performing model on evaluation metrics.</li></ul>

## POSITIONS OF RESPONSIBILITY

<b>Math's Club</b> <b>2015,16</b>	<ul style="list-style-type: none"><li>• Managing and promoting the school Math club to increase participation of the students as well as organize different club activities in inter and intra school fests.</li></ul>
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## SKILLS

**Languages & Libraries** - Java, SQL, PL/SQL, Python - Pandas, NumPy, Matplotlib, Seaborn, PySpark.

**Data Analysis** -Tableau, Power BI, Excel, Azure.

**Interpersonal Skills** – Problem-Solving, Communication, Teamwork and Collaboration, Skilled Multi-Tasker

## EXTRA CURRICULAR ACTIVITIES

<b>Lecture Contest,</b> <b>2018</b>	<ul style="list-style-type: none"><li>• Merit Prize for the contest held by Renaissance Universal Club.</li></ul>
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