Priyanshi Anand

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SKILLS

- **Languages**: R Programming, Python, Java, C++, HTML and CSS
- **Tools/Platforms**: MySQL, Tableau, Ms. Excel
- **Concepts**: Machine Learning Models, Networking, Operating Systems
- **Soft Skills**: Good Communication, Team Player, Public Speaker, Adaptability, Leadership

INTERNSHIP

District Informatics Department – Yamuna-Nagar | Data Analyst Intern   June, 2024

- Analysed CM Reports, RTS Factors, and Open Cases Reports using R programming, extracting key insights for governance improvements.
- Processed and cleaned large datasets, performed trend analysis, and automated reporting workflows to enhance data accuracy and efficiency.
- Developed interactive Tableau dashboards to visualize key performance indicators, aiding officials in decision-making.
- Evaluated RTS compliance, identified service delays, and presented data-driven reports to support policy-making.
- **Tech stacks used**: R Programming, Tableau

PROJECTS

- **Bone Fracture Analysis using Deep Learning**   January, 2025
    - Developed a machine learning model to classify bone fractures using medical imaging. Implemented three different models: VGG16-based, Resnet-based, and a custom CNN model, optimizing performance using hyperparameter tuning.
    - Integrated the model with a Gradio-based interface, allowing users to upload X-ray images and receive real-time predictions on whether a bone is fractured or not.
    - Evaluated model performance using accuracy, loss, precision, recall, and F1-score, with results visualized through confusion matrices and plots.
    - **Tech**: Python, VGG16, Resnet, CNN, Gradio

- **Dashboard on Amazon Prime Trends**   June, 2024
    - Amazon Prime's content library to understand ratings distribution, content types, release years, popular genres, and country-specific preferences.
    - Developed an interactive dashboard to help stakeholders make informed decisions about content strategy and user engagement.
    - Provided data-driven recommendations to improve content strategy, optimize user engagement, and enhance decision-making for future content investments.
    - **Tech**: Tableau

CERTIFICATES

- Certification in NPTEL – Cloud Computing with an Elite Certificate.   July-October, 2024
- Coursera - Supervised Machine Learning Regression and Classification   August-October, 2024
- Udemy: Data Structures and Algorithms   January-February 2024

ACHIEVEMENTS

- **One among Dean's top 10 % students at university**:
  For good academic performance and extra-curricular activities at university.

- **LPU ENGAGE- (Centre of Professional Enhancement)**
  Hosted many Events under CPE and won in Verbal Cosmos.

- **Two Times Inter School Spectra Winner in Debate and Theatre:**
  Participated and won in Spectra in multiple categories.

- **Worked as a Co-CEO in Student Organization ARENA (Organized 24hr Web-A-Thon)**:
  Organized a successful Hackathon with over 400 Participants.

- **Participated in Binary Blitz Hackathon organized by Coding Ninja (24hr Hackathon):**
  Organized a successful Hackathon with over 400 Participants

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 8.22   *Since August 2022*

- **Government Girls Senior Secondary School**   Yamuna Nagar, Haryana
  12th; Percentage: 89%   *April 2020 - March 2022*

- **Sacred Heart Convent Senior Secondary School**   Yamuna-Nagar, Haryana
  10th; Percentage: 92%   *April 2008 - March 2020*