

# ARNAB PANDA

**BI Developer | Power BI | DAX | SQL | Data Analyst | AI-Driven Insights | Agile Practitioner**

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## PROFILE

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**Power BI Developer & Data Analyst** with **3+ years of experience**, specializing in **Power BI, SQL, Python, and cloud-based data solutions**. Expertise in **business intelligence, data modelling, data visualization, and automation** to drive **AI-powered insights**. Proficient in **Power BI AI Visuals, AI Insights, anomaly detection, and automation** to improve reporting efficiency. Skilled in **integrating multiple data sources, implementing Row-Level Security (RLS), KPI tracking, and building ETL pipelines** for **data-driven decision-making**. Experienced in **Agile methodologies (Scrum, Kanban)** and the **Software Development Life Cycle (SDLC)**, ensuring iterative improvements through **continuous feedback and sprint-based development**.

## SKILLS

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**Business Intelligence:** Power BI, DAX, Power Query, Power BI AI Visuals, AI Insights, Smart Narrative, Data Visualization & Reporting, Real-Time Dashboards, KPI Tracking

**Data Handling & Modelling:** Excel (Pivot Tables, Power Query), Data Modelling, ETL Pipelines, AI-Driven Anomaly Detection, Data Cleaning, Forecasting Models, Alteryx

**Agile & SDLC:** Scrum, Kanban, Sprint Planning, Iterative Development

**AI & Automation:** CoPilot, Power BI AI Visuals, AI-Driven Anomaly Detection, Predictive Analytics

**Databases:** SQL (MySQL, Oracle SQL, Azure SQL Database)

**Cloud Technology:** Microsoft Azure, Azure Data Factory, Cloud-Based ETL, APIs

**Programming & Frameworks:** Python, Java, C++, C

**Other Tools:** TFS (Team Foundation Server), ServiceNow, Dynatrace, ALM Client Launcher

**Soft Skills:** Critical Thinking and Problem-Solving, Communication, Team Leadership, Flexibility

## PROFESSIONAL EXPERIENCE

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**Tata Consultancy Services (TCS)**

**Aug,2021-Present**

**System Engineer**

- Designed **10+ interactive Power BI dashboards** to visualize project metrics such as **incident trends, defect statuses, and SLA compliance**, enabling data-driven decision-making.
- Developed **drill-through, dynamic filtering, and bookmark-enabled reports**, enhancing user engagement and analytical depth.
- Automated **80% of data refresh schedules and report distribution** using **Power BI Service & Power Automate**, ensuring real-time data availability.
- Optimized **Power BI data models**, reducing **report refresh times by 40%** and improving overall performance.
- Integrated **multiple data sources (SQL Server, Excel, APIs, Web, and CSV)** into Power BI, ensuring seamless data consolidation.

- Created **DAX-driven KPI dashboards** to track **financial metrics, operational efficiency, and customer acquisition trends** for strategic decision-making.
- Designed and implemented **Row-Level Security (RLS)** to enforce secure data access based on user roles and organizational hierarchy.
- Utilized **Microsoft Copilot** in Power BI to **automate repetitive tasks, generate AI-powered insights**, and provide **natural language explanations** for complex data trends.
- **Worked in Agile Scrum teams**, contributing to **sprint planning, backlog grooming, and continuous feedback cycles** to iteratively improve **BI solutions as part of the Software Development Life Cycle (SDLC)**.
- Collaborated with **Project Managers** to estimate effort for **Power BI reporting tasks**, ensuring alignment with project timelines and business objectives.

## EDUCATION

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**Executive Master of Business Administration (EMBA)**, Indian Institute of Technology Patna 2024-2026

**B. Tech in Computer Science Engineering**, Maulana Abul Kalam Azad University of Technology 2017-2021

## CERTIFICATIONS

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- **PL-300**: Microsoft Power BI Data Analyst
- **PL-400**: Microsoft Power Platform Developer
- **DP-900**: Microsoft Azure Data Fundamentals
- **AZ-900**: Microsoft Certified: Azure Fundamentals
- **Microsoft Business Intelligence Analyst** by Edureka
- **Accenture North America** - Data Analytics and Visualization Job Simulation
- **PwC Switzerland** - Power BI Job Simulation

## PERSONAL PROJECTS

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### Election Data Analysis 2024 - India

- Analysed **2024 Indian General Election** results using **Power BI** dashboards.
- Visualized voter turnout, party performance, and regional voting patterns.
- Utilized **DAX** and **SQL** for insights on vote share, seat allocation, and trends.

### IPL Data Analysis

- Developed interactive **Power BI** dashboard to analyse **IPL** match data.
- Focused on player performance, team statistics, and match outcomes.
- Used **DAX** and **SQL** to track player rankings, team win percentages, and trends.

## AWARDS & ACHIEVEMENTS

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- **Fresco TFactor: 2.99** – Demonstrated strong performance and problem-solving skills in various assignments.
- **Service & Commitment Award** – Recognized for exceptional dedication and consistent performance.
- **On the Spot (Team) Award** – Awarded for outstanding team collaboration and on-the-spot problem-solving.
- **Xcelerate Victor Certificate** – Earned for top performance and achievement in a high-impact project.