



# IVY PROFESSIONAL SCHOOL

## PROFILE – ANALYTICS / BIG DATA

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## **About Ivy**

Ivy® Professional School (Ivy) is a pioneer in the big data analytics and data science training fields in the country and is the **official training partner** of companies like Genpact, HSBC, eBay/Paypal, ICRA, ITC, Capgemini, Cognizant, mJunction, Lexmark Inc., etc. Since its inception **in 2007**, IVY has trained over 10,000 participants from 10+ countries, 50+ corporates and 100+ colleges (including IIMs, IITs, ISIs, etc.). Recently, Ivy conducted several class-room based face to face Risk Analytics batches **in Dallas, Texas (US)** for a large analytics firm.

Ivy is **ranked 1<sup>st</sup> among analytics schools** in Eastern India, and among top 5 in all India by the reputed AIM magazine and SiliconIndia (2014, 2015, 2016).

## **Course Content & How are the Designed?**

### **Popular Course Packages:**

- **Live Projects / Internships Backed Comprehensive Short-term Course Packages** - For individual participants, Ivy offers industry endorsed comprehensive course packages such as:
  - **Business Analytics Certification** (approx. 200 hours) (includes statistical modeling, problem solving, machine learning, Excel dashboards, VBA, SAS, R, SQL, Access, etc.)
  - **Big Data Analytics Certification** (approx. 230 hours) (includes entire business analytics certification modules and additionally includes Hadoop, Hive, Pig, Mahoot, etc.)
  - **Data Visualization Certification** (approx. 100 hours) (includes Tableau, VBA, Excel Dashboards, SQL, Access)
  - **Diploma in Data Sciences** (approx. 380 hours) (includes – Business Analytics, Big Data Analytics, Data Visualization, 12 Industry Projects)
  - **Advanced Analytics Certification** on Financial Risk, Financial Marketing, Retail, Web, Machine Learning, Health Care, etc.

View course details on Ivy's Analytics Course Web Page - [http://bit.do/Ivy\\_Analytics\\_Courses](http://bit.do/Ivy_Analytics_Courses)

### **How are the Courses designed?**

- **Immense Experience in Course Designing for Large Analytics Firms** - Ivy, as an official learning partner of large analytics firms, has had immense experience of creating variety of industry relevant analytics courses ranging from Financial Risk to Machine Learning.
- **Ivy's Courses have been Adopted by Several Analytics Firms** - Many of these courses have become benchmark courses for several analytics companies for their internal training and skill development.

### **What do the Course Packages include additionally?**

In addition to the normal classroom training, Ivy's course includes

- **Real-life Projects / Case Studies**
- **Problem Solving & Thinking Techniques** – Analytical Problem Solving and Structured Thinking Skills

## **Industry Collaborated / Sponsored Batches**

- Ivy has conducted and continues to conduct several industry partnered batches with large / niche analytics firms where Ivy provides the training and the industry partner assesses/recruits the candidates. (In the past firms like Mu Sigma, Genpact, Affine Analytics, etc have partnered with Ivy for such batches)

### **Key Faculty and Core Management**

- **Industry experienced founders with strong educational background:**
  - **Prateek Agrawal** - MS in Info Systems & Operational Research, Texas and Management Consulting experience with a Big 5 consultancy firm in the US
  - **Eeshani Agrawal** - MS in Geo-technical Engineering, Texas, and a US licensed Professional Engineer with 100+ consulting project experience
  - **Souvik Dutta** – MS Quantitative Econometrics, ISI Kolkata and 15+ years of analytics experience
  - **Neeraj Gutgutia** – MBA (IIM) and a Chartered Accountant with 15+ years of finance experience
  - **Raja Banka** - Masters in Mathematics and Computing, IIT Kanpur and 7+ years of industry experience
  - **Pritha Dutta** – M.Sc. (Econometrics), Warwick and an AMEX veteran with 10+ years of analytics experience.
- **Elite Faculty Team with 70+ years of Analytics & Consulting Experience** - Ivy's core faculty team has experience with leading organizations like Genpact, Mu Sigma, HSBC, Capgemini (Consulting), MarketRx, Cognizant, AC Nielson, etc. Their deep Industry connect and strong educational background (ISI, IIT, IIM, US universities) ensure industry relevant training and helps in placement of students in reputed companies.

Beyond the core team, IVY has 300+ trainers on its panel.

### **Pedagogy**

- Ivy follows a **See** (trainer demonstrates Why, What, & How), **Act** (participants work on a real data set), **Interpret** (participants generate insights), and **Assess** (participants are assessed) model to train
- Physical classroom based face to face training across multiple cities in India (Kolkata, Bangalore, Delhi, Pune, etc.)
- Live online training (Experience of delivering 10,000+ man hours of live online training)
- Case study based learning based on real life data sets
- A Leaderboard based competitive assessment structure to create a sense of competition among the participants

### **Recent Events & Achievements**

- **Selected by several analytics firms for internal training** - Ivy was selected by a large analytics consulting firm, a risk analytics firm listed in NASDAQ, a large credit rating agency, and a large B2B metal auctioning portal company to conduct various analytics courses across India and abroad.
- **Class-room Risk Analytics batches in the US** - Ivy made its international presence felt by conducting several **Risk Data Analytics and Governance class-room batches for a US based Risk Analytics** consulting firm in the US.
- Ivy conducted several **custom designed induction batches for large analytics firms**, where the students were chosen from elite colleges like IIT, IIM, and other leading colleges in India.
- **Free Webinars on Cutting Edge Analytics Concepts / Tools** - Ivy conducted several **free webinars** on cutting edge analytics tools and concepts like Data Visualization, Dashboards, Machine Learning, Text Mining, Advanced Statistical Modeling, etc. More than 1,000 participants joined these webinars.

- Ivy was invited by **Genpact** for MOU signing between Genpact and Calcutta University and Jadavpur University. This MOU will help in building a large talent pool for Risk Analytics industry.
- **Invited by Elite Colleges to Conduct Analytics Workshops** - Ivy was invited by **IIT Kharagpur** and **NSIT Delhi** (Netaji Subhash Institute of Technology – erstwhile Delhi College of Engg.) to conduct Business Analytics and Data Visualization workshops.
- **Started Class-room Batches in Delhi, Bangalore, and Pune**

### Selected Photographs

