**ANOVA Technologies Pvt. Ltd.**

**Products & Services**

At the heart of ANOVA Technologies lies a diverse portfolio of **products and services** that embody our vision and mission. These offerings reflect years of research, real-world insights, and a relentless drive to simplify complexity for organizations.

**2.1 Flagship Products**

**2.1.1 InsightX – AI-Powered Business Intelligence**

InsightX is a comprehensive platform designed to transform raw data into actionable intelligence. With features like predictive modeling, real-time dashboards, and advanced anomaly detection, it empowers leaders to make informed decisions.

* **Key Capabilities:**
  + Predictive sales forecasting
  + Fraud detection in financial systems
  + Sentiment analysis of customer feedback
  + Dynamic KPI dashboards
* **Industries Served:** Finance, Retail, Manufacturing, Healthcare

**2.1.2 AeroOps Assistant – Airline Operations Chatbot**

Designed specifically for airline operations control centers, AeroOps Assistant answers queries like flight delays, crew schedules, and performance metrics.

* **Capabilities:**
  + Natural language interaction with operational databases
  + Delay cause analytics
  + Real-time schedule updates
* **Impact:**  
  Reduced operational inefficiencies by up to 25% in pilot projects.

**2.1.3 DocCompare AI – Document Intelligence Engine**

A solution for industries overwhelmed with technical documents (aviation manuals, engineering specifications, compliance guidelines). DocCompare AI automates comparison, highlights discrepancies, and extracts critical insights.

**2.1.4 OptiPlan – Resource Optimization Engine**

OptiPlan helps organizations allocate resources efficiently—whether it’s workforce management, logistics, or budget planning.

* **Features:**
  + Scenario-based planning
  + Cost optimization models
  + AI-driven recommendations
* **Use Cases:**  
  Airlines (crew rosters), Supply Chains (fleet deployment), Healthcare (doctor shifts).

**2.2 Services**

**2.2.1 AI & Machine Learning Consulting**

We guide businesses through their AI journey, from identifying opportunities to deploying full-scale solutions.

**2.2.2 Data Engineering & Cloud Integration**

Building robust pipelines, ensuring secure storage, and enabling real-time analytics.

**2.2.3 NLP & RAG-based Chatbots**

Domain-specific conversational AI that integrates with enterprise systems.

**2.2.4 Predictive Maintenance Solutions**

Using IoT and machine learning to predict failures in machinery, reducing downtime and costs.

**2.2.5 Custom Software Development**

Tailored platforms built with agility, scalability, and security.

**2.3 Industry-Specific Solutions**

* **Healthcare:** Patient flow analytics, AI triage bots, hospital resource optimization.
* **Aviation:** Operational performance dashboards, predictive delay analytics.
* **Finance:** Credit risk modeling, fraud detection.
* **Education:** Personalized learning assistants, plagiarism detection.
* **Logistics:** Route optimization, supply chain forecasting.

**2.4 Differentiators**

What sets ANOVA apart is not just the technology but the **approach**:

* Custom-fit over cookie-cutter solutions.
* Sustainability embedded in design.
* Human-centered usability focus.