

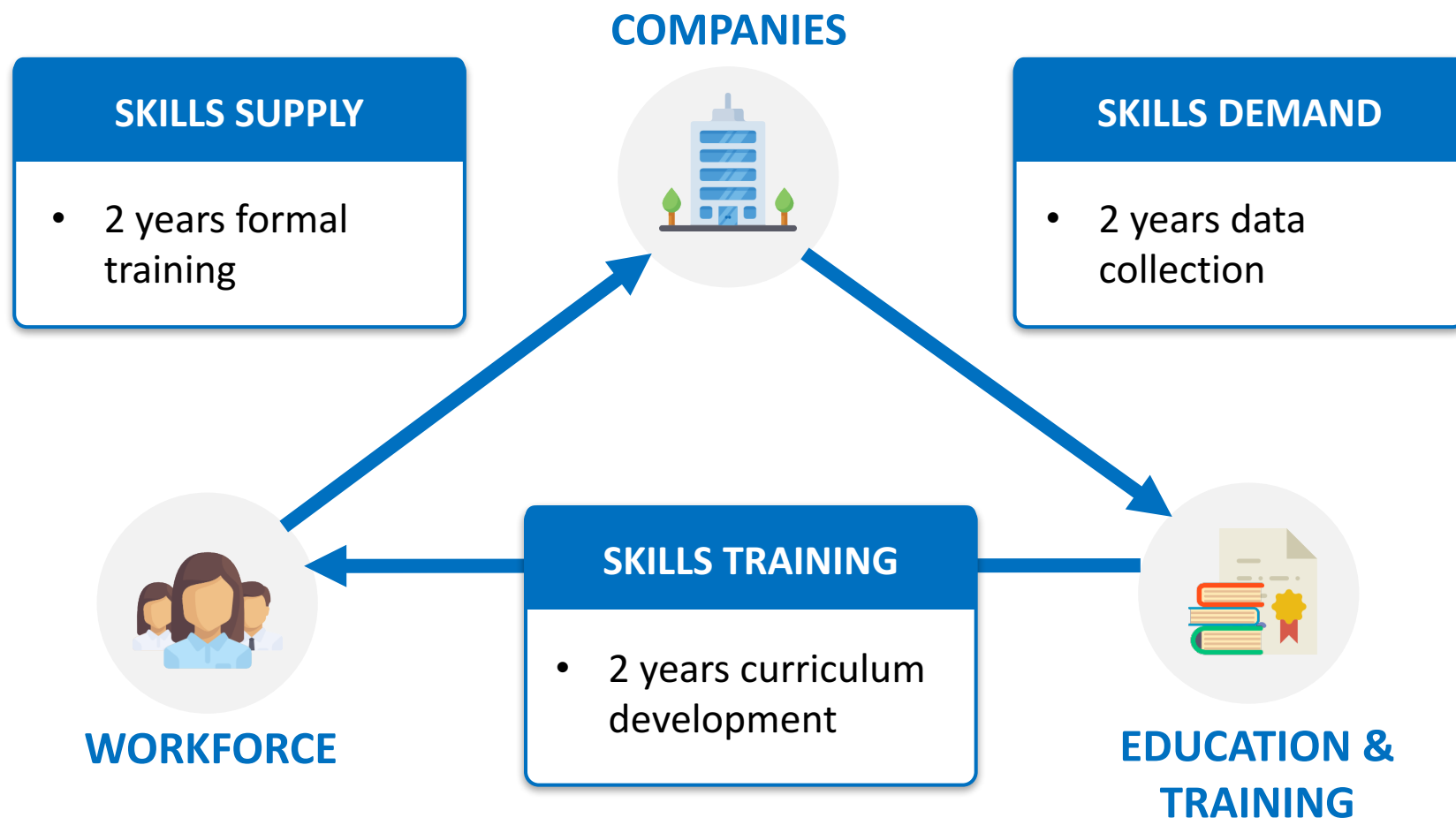


7th International Skills Forum Anticipating and Preparing for Emerging Skills and Jobs

12–14 December 2017 • Asian Development Bank, Manila, Philippines



Past – Slow & Unfocused



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Innovation

1. Using Big Data and Algorithms to **decode employer demand** and predict **future skills requirements**
2. Offering a platform as an avenue for **intelligent skill-gap analysis**, and **personalised digital career guidance**



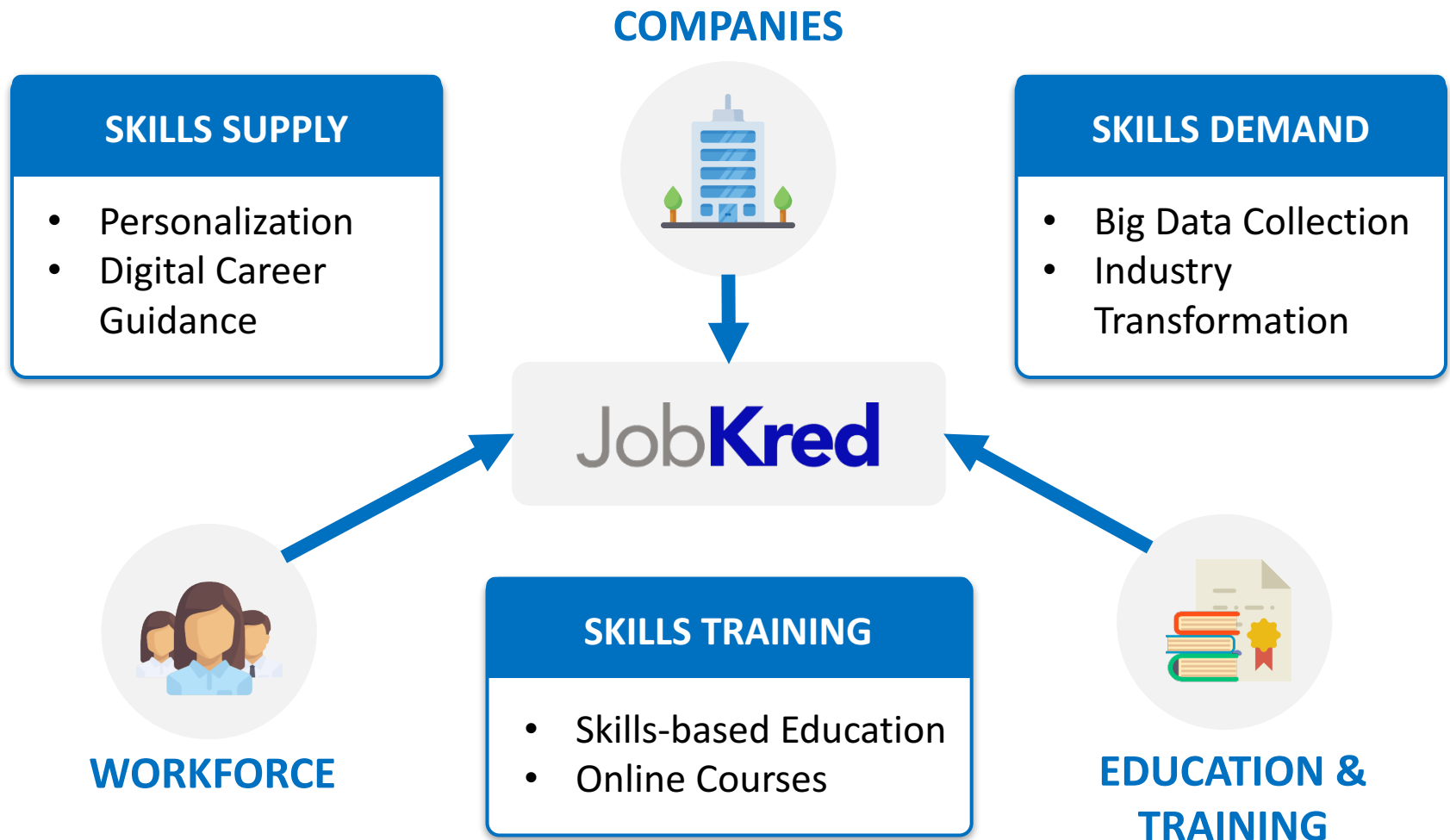
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Today – Fast & Targeted





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Case Study



**NANYANG
TECHNOLOGICAL
UNIVERSITY**

Nanyang Business School



**2000
STUDENTS**

CAREER DISCOVERY

95% of students
favoured 3+ career
paths

**WORKFORCE
AGENCY
SINGAPORE**



**500
PROFESSIONALS
(Unemployed)**

LEARNING MODERN SKILLS

- Agile Methodologies
- HTML
- Python
- Software Project Management
- Corporate Finance



Implementation

- Labour Market Data
- Literacy and internet access
- Potential for scalability
- Customization possible
- Concerted effort by all concerned



Important Lessons

- Digital Career Guidance is crucial to motivate and direct workforce development
- Skill development needs to consider adjacent careers